

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 2)    | 3)    | 3               | 11    | 15    |
| 01                                                                                                                                                                                                                              | 0)              | 1)   | 1)   | 1)    | 3)    | 4               | 7     | 15    |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 3               | 7     | 9     |
| 03                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 2)    | 5)    | 5               | 11    | 15    |
| 04                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 3)    | 4               | 10    | 14    |
| 05                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 5               | 9     | 12    |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 2)    | 5)    | 6               | 9     | 14    |
| 07                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 5               | 10    | 15    |
| 08                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 3)    | 5)    | 3               | 12    | 15    |
| 09                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 5)    | 5               | 8     | 13    |
| 10                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 3               | 8     | 17    |
| 11                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1               | 5     | 12    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 5               | 11    | 17    |
| 23                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 5               | 8     | 14    |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 1)    | 3)    | 4               | 9     | 14    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBLTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                 | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                               | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                               | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                            | -               | -    | -    | 1     | 6     | 7               | 13    | 18    |
| 01                                                                                                                                                                                                                            | -               | -    | -    | 4     | 8     | 7               | 11    | 15    |
| 02                                                                                                                                                                                                                            | -               | -    | -    | 3     | 8     | 5               | 13    | 15    |
| 03                                                                                                                                                                                                                            | -               | -    | 1    | 6     | 9     | 6               | 15    | 17    |
| 04                                                                                                                                                                                                                            | -               | 1    | 1    | 4     | 7     | 6               | 11    | 16    |
| 05                                                                                                                                                                                                                            | -               | -    | 1    | 4     | 6     | 10              | 13    | 18    |
| 06                                                                                                                                                                                                                            | -               | -    | 1    | 2     | 8     | 6               | 15    | 20    |
| 07                                                                                                                                                                                                                            | -               | 1    | 1    | 3     | 8     | 6               | 15    | 20    |
| 08                                                                                                                                                                                                                            | -               | -    | -    | 1     | 6     | 6               | 12    | 17    |
| 09                                                                                                                                                                                                                            | -               | -    | -    | 2     | 7     | 7               | 14    | 18    |
| 10                                                                                                                                                                                                                            | -               | 1    | 1    | 2     | 3     | 4               | 10    | 15    |
| 11                                                                                                                                                                                                                            | -               | 1    | 1    | 1     | 5     | 4               | 12    | 16    |
| 12                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                            | -               | -    | -    | 2     | 6     | 5               | 15    | 17    |
| 23                                                                                                                                                                                                                            | -               | -    | -    | 2     | 4     | 8               | 15    | 16    |
| MEAN                                                                                                                                                                                                                          | -               | 0    | 0    | 3     | 6     | 6               | 13    | 17    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBLTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                 | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                               | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                               | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                            | -               | 1    | 3    | 3     | 6     | 6               | 8     | 13    |
| 01                                                                                                                                                                                                                            | 0)              | 0)   | 2)   | 5)    | 5)    | 5               | 9     | 12    |
| 02                                                                                                                                                                                                                            | 0)              | 1)   | 1)   | 1)    | 4)    | 3               | 7     | 10    |
| 03                                                                                                                                                                                                                            | -               | -    | -    | -     | 3     | 1               | 6     | 11    |
| 04                                                                                                                                                                                                                            | -               | -    | -    | 3     | 4     | 5               | 7     | 13    |
| 05                                                                                                                                                                                                                            | -               | -    | -    | 3     | 8     | 6               | 12    | 17    |
| 06                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 3)    | 8)    | 5               | 12    | 13    |
| 07                                                                                                                                                                                                                            | 0)              | 1)   | 1)   | 3)    | 5)    | 3               | 8     | 12    |
| 08                                                                                                                                                                                                                            | -               | 1    | 1    | 3     | 5     | 3               | 7     | 15    |
| 09                                                                                                                                                                                                                            | -               | -    | 1    | 3     | 4     | 3               | 8     | 18    |
| 10                                                                                                                                                                                                                            | -               | -    | 1    | 3     | 6     | 3               | 10    | 14    |
| 11                                                                                                                                                                                                                            | -               | -    | 1    | 3     | 5     | 3               | 8     | 13    |
| 12                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                            | -               | 1    | 3    | 6     | 7     | 6               | 12    | 16    |
| 23                                                                                                                                                                                                                            | 1               | 1    | 1    | 5     | 9     | 6               | 12    | 17    |
| MEAN                                                                                                                                                                                                                          | 0)              | 0)   | 1)   | 3)    | 6)    | 4               | 9     | 14    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 8     | 3               | 8     | 14    |
| 01                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 8     | 2               | 8     | 13    |
| 02                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 5     | 2               | 5     | 9     |
| 03                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 5     | 1               | 5     | 8     |
| 04                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 3     | 1               | 3     | 8     |
| 05                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 1               | 5     | 8     |
| 06                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 5     | 1               | 5     | 8     |
| 07                                                                                                                                                                                                                              | -               | 1    | 1    | 1     | 3     | 1               | 3     | 5     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 1               | 4     | 7     |
| 09                                                                                                                                                                                                                              | -               | -    | 1    | 4     | 7     | 5               | 7     | 11    |
| 10                                                                                                                                                                                                                              | -               | 1    | 1    | 2     | 5     | 2               | 5     | 10    |
| 11                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 5     | 1               | 5     | 9     |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 1               | 1    | 2    | 2     | 7     | 2               | 7     | 13    |
| 23                                                                                                                                                                                                                              | -               | 1    | 1    | 4     | 9     | 3               | 9     | 13    |
| MEAN                                                                                                                                                                                                                            | 0               | 0    | 1    | 2     | 6     | 2               | 6     | 10    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | 1    | 3    | 8     | 12    | 6               | 12    | 15    |
| 01                                                                                                                                                                                                                              | -               | -    | 2    | 6     | 10    | 5               | 10    | 12    |
| 02                                                                                                                                                                                                                              | -               | -    | 2    | 5     | 10    | 4               | 10    | 12    |
| 03                                                                                                                                                                                                                              | -               | -    | 1    | 4     | 8     | 3               | 8     | 14    |
| 04                                                                                                                                                                                                                              | -               | -    | -    | 3     | 6     | 2               | 6     | 11    |
| 05                                                                                                                                                                                                                              | -               | -    | -    | 3     | 6     | 1               | 6     | 10    |
| 06                                                                                                                                                                                                                              | -               | -    | -    | 3     | 5     | 1               | 5     | 7     |
| 07                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 8     | 1               | 8     | 12    |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 4     | 8     | 1               | 8     | 12    |
| 09                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 7     | 1               | 8     | 14    |
| 10                                                                                                                                                                                                                              | -               | -    | -    | 2     | 8     | 1               | 9     | 14    |
| 11                                                                                                                                                                                                                              | -               | -    | -    | 4     | 8     | 3               | 10    | 14    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 1               | 2    | 3    | 6     | 15    | 6               | 15    | 23    |
| 23                                                                                                                                                                                                                              | -               | 1    | 5    | 7     | 14    | 6               | 14    | 19    |
| MEAN                                                                                                                                                                                                                            | 0               | 0    | 1    | 4     | 9     | 3               | 9     | 13    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | 4    | 11    | 23    | 11              | 24    | 37    |
| 01                                                                                                                                                                                                                              | 1               | 1    | 3    | 9     | 21    | 7               | 23    | 37    |
| 02                                                                                                                                                                                                                              | -               | -    | 3    | 8     | 19    | 7               | 20    | 29    |
| 03                                                                                                                                                                                                                              | -               | -    | 3    | 6     | 17    | 5               | 19    | 29    |
| 04                                                                                                                                                                                                                              | -               | -    | 3    | 5     | 13    | 4               | 13    | 23    |
| 05                                                                                                                                                                                                                              | -               | -    | 3    | 6     | 12    | 4               | 13    | 21    |
| 06                                                                                                                                                                                                                              | -               | 1    | 2    | 5     | 13    | 5               | 13    | 22    |
| 07                                                                                                                                                                                                                              | -               | -    | 1    | 5     | 14    | 3               | 14    | 23    |
| 08                                                                                                                                                                                                                              | 0)              | 1)   | 3)   | 8)    | 18)   | 5               | 18    | 27    |
| 09                                                                                                                                                                                                                              | -               | -    | -    | 8     | 19    | 5               | 20    | 28    |
| 10                                                                                                                                                                                                                              | -               | 1    | 3    | 10    | 23    | 5               | 25    | 32    |
| 11                                                                                                                                                                                                                              | -               | 1    | 3    | 9     | 23    | 7               | 23    | 31    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 1               | 2    | 5    | 15    | 26    | 8               | 28    | 43    |
| 23                                                                                                                                                                                                                              | -               | -    | 3    | 11    | 25    | 7               | 25    | 39    |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 3)   | 8)    | 19)   | 6               | 20    | 30    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | 0)              | 1)   | 5)   | 12)   | 22)   | 8               | 23    | 39    |
| 01                                                                                                                                                                                                                              | 0)              | 0)   | 3)   | 10)   | 18)   | 9               | 19    | 30    |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 2)   | 9)    | 14)   | 5               | 15    | 26    |
| 03                                                                                                                                                                                                                              | 0)              | 0)   | 3)   | 10)   | 16)   | 8               | 17    | 23    |
| 04                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 5)    | 11)   | 3               | 12    | 19    |
| 05                                                                                                                                                                                                                              | 0)              | 1)   | 3)   | 8)    | 12)   | 5               | 12    | 22    |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 4)   | 9)    | 16)   | 6               | 17    | 25    |
| 07                                                                                                                                                                                                                              | 0)              | 0)   | 2)   | 5)    | 14)   | 3               | 14    | 23    |
| 08                                                                                                                                                                                                                              | 0)              | 0)   | 3)   | 6)    | 15)   | 5               | 16    | 25    |
| 09                                                                                                                                                                                                                              | 0)              | 1)   | 3)   | 9)    | 14)   | 6               | 14    | 25    |
| 10                                                                                                                                                                                                                              | 0)              | 2)   | 3)   | 9)    | 18)   | 9               | 17    | 27    |
| 11                                                                                                                                                                                                                              | 0)              | 1)   | 5)   | 11)   | 21)   | 9               | 21    | 28    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 2)              | 3)   | 7)   | 14)   | 28)   | 10              | 30    | 44    |
| 23                                                                                                                                                                                                                              | 0)              | 2)   | 7)   | 16)   | 29)   | 14              | 28    | 41    |
| MEAN                                                                                                                                                                                                                            | 0)              | 1)   | 3)   | 9)    | 18)   | 7               | 18    | 28    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 11    | 21    |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 2               | 8     | 17    |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 7     | 17    |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 12    |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 12    |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 4     | 9     |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 6     | 12    |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 5     | 10    |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 12    |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 6     | 15    |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 19    |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 6     | 14    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 6               | 14    | 27    |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 11    | 21    |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 2               | 7     | 16    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 11    |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 4     | 11    |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 9     |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 9     |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 3     | 10    |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 4     | 9     |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 6     | 11    |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 9     |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 10    |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 7     | 10    |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 7     | 11    |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 3     | 9     |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 13    |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 5     | 11    |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 1               | 4     | 10    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 1     |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 1     |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | -     | 1     |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 3     |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 1     |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 1     | 3     |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 3     |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 3     |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 1     | 4     |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 3     | 3     |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 3     |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 3     |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 2     |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 3     |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 0               | 1     | 3     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 3     | 6     |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 1     | 5     |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 2     | 5     |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 1     | 4     |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 2     | 5     |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 2               | 3     | 5     |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 1               | 3     | 5     |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 4     | 7     |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 3     |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | -     | 3     |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 3     |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | -               | 1     | 4     |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 2               | 5     | 6     |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 2               | 4     | 8     |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 1               | 2     | 5     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 4               | 10    | 16    |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 8     | 13    |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 8     | 13    |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 10    | 14    |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 8     | 13    |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 6               | 12    | 15    |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 9     | 11    |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 6               | 14    | 16    |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 7     | 14    |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 4               | 8     | 14    |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 6     | 9     |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 10    | 15    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 11    | 16    |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 6               | 12    | 15    |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 5               | 10    | 14    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: HAKODATE AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

NUMBER OF FORWARD SCATTER: RWY12

| FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL<br>RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE<br>LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT<br>BELOW SPECIFIED VALUES AT SPECIFIED TIME |                 |      |      |       |       |                 |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|-------|-------|-----------------|-------|-------|
| TIME<br>(UTC)                                                                                                                                                                                                                   | RVR(m) / Hs(ft) |      |      |       |       | VIS(m) / Hs(ft) |       |       |
|                                                                                                                                                                                                                                 | <400            | <700 | <800 | <1200 | <1600 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <700  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 4               | 11    | 17    |
| 01                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 4               | 9     | 15    |
| 02                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 13    |
| 03                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 13    |
| 04                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 7     | 12    |
| 05                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 12    |
| 06                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 13    |
| 07                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 13    |
| 08                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 2               | 8     | 13    |
| 09                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 8     | 14    |
| 10                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 9     | 14    |
| 11                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 3               | 9     | 14    |
| 12                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 13    | 20    |
| 23                                                                                                                                                                                                                              | x               | x    | x    | x     | x     | 5               | 12    | 18    |
| MEAN                                                                                                                                                                                                                            | x               | x    | x    | x     | x     | 3               | 9     | 14    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | 1    | 1     | 3     | 4     | 8     | 10    | 14    |
| 01                                                                                            | 1              | 1    | 2     | 4     | 4     | 5     | 7     | 15    |
| 02                                                                                            | -              | -    | 1     | 3     | 3     | 5     | 6     | 8     |
| 03                                                                                            | -              | 1    | 3     | 5     | 5     | 7     | 10    | 14    |
| 04                                                                                            | -              | -    | 1     | 4     | 5     | 8     | 10    | 13    |
| 05                                                                                            | -              | 1    | 1     | 5     | 5     | 6     | 8     | 10    |
| 06                                                                                            | 1              | 2    | 5     | 6     | 6     | 8     | 8     | 12    |
| 07                                                                                            | 1              | 2    | 2     | 5     | 5     | 7     | 10    | 15    |
| 08                                                                                            | -              | 1    | 1     | 3     | 5     | 8     | 10    | 14    |
| 09                                                                                            | -              | 1    | 1     | 5     | 5     | 6     | 7     | 10    |
| 10                                                                                            | -              | -    | 1     | 3     | 3     | 5     | 8     | 14    |
| 11                                                                                            | 1              | 1    | 1     | 1     | 1     | 3     | 5     | 9     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 2     | 5     | 5     | 7     | 10    | 17    |
| 23                                                                                            | 1              | 2    | 2     | 4     | 4     | 6     | 7     | 13    |
| MEAN                                                                                          | 0              | 1    | 2     | 4     | 4     | 6     | 8     | 13    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | 1              | 1    | 4     | 6     | 7     | 10    | 13    | 16    |
| 01                                                                                            | -              | 4    | 6     | 7     | 8     | 9     | 11    | 13    |
| 02                                                                                            | -              | -    | 2     | 4     | 5     | 8     | 11    | 14    |
| 03                                                                                            | 1              | 2    | 4     | 5     | 5     | 7     | 11    | 14    |
| 04                                                                                            | 1              | 1    | 2     | 4     | 4     | 6     | 7     | 13    |
| 05                                                                                            | -              | 1    | 5     | 8     | 8     | 10    | 12    | 15    |
| 06                                                                                            | 1              | 1    | 3     | 6     | 6     | 9     | 13    | 17    |
| 07                                                                                            | 1              | 1    | 4     | 6     | 6     | 11    | 13    | 18    |
| 08                                                                                            | -              | 3    | 4     | 6     | 7     | 8     | 11    | 15    |
| 09                                                                                            | 1              | 1    | 2     | 7     | 7     | 11    | 13    | 15    |
| 10                                                                                            | -              | 2    | 4     | 4     | 4     | 6     | 10    | 11    |
| 11                                                                                            | 1              | 1    | 2     | 4     | 5     | 9     | 11    | 13    |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 4     | 5     | 7     | 8     | 14    | 16    |
| 23                                                                                            | -              | 1    | 4     | 7     | 8     | 10    | 15    | 15    |
| MEAN                                                                                          | 0              | 2    | 3     | 6     | 6     | 9     | 12    | 15    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | 3     | 5     | 5     | 6     | 6     | 11    |
| 01                                                                                            | -              | 1    | 1     | 2     | 4     | 5     | 8     | 10    |
| 02                                                                                            | 1              | 1    | 1     | 2     | 2     | 5     | 6     | 7     |
| 03                                                                                            | -              | -    | -     | 1     | 1     | 3     | 6     | 8     |
| 04                                                                                            | -              | 2    | 2     | 4     | 4     | 4     | 6     | 9     |
| 05                                                                                            | -              | 1    | 1     | 5     | 6     | 8     | 10    | 14    |
| 06                                                                                            | -              | 2    | 3     | 5     | 5     | 7     | 9     | 10    |
| 07                                                                                            | 1              | 1    | 2     | 2     | 2     | 5     | 6     | 9     |
| 08                                                                                            | 1              | 1    | 1     | 2     | 2     | 3     | 5     | 10    |
| 09                                                                                            | -              | 1    | 1     | 2     | 3     | 5     | 6     | 10    |
| 10                                                                                            | -              | -    | -     | 1     | 2     | 4     | 6     | 9     |
| 11                                                                                            | -              | -    | 1     | 1     | 3     | 4     | 5     | 6     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 3     | 5     | 6     | 6     | 9     | 12    |
| 23                                                                                            | 1              | 1    | 2     | 5     | 5     | 7     | 11    | 15    |
| MEAN                                                                                          | 0              | 1    | 1     | 3     | 4     | 5     | 7     | 10    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 1     | 3     |
| 01                                                                                            | -              | -    | -     | 1     | 2     | 2     | 2     | 3     |
| 02                                                                                            | -              | -    | 1     | 2     | 2     | 2     | 2     | 4     |
| 03                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 1     | 3     |
| 04                                                                                            | -              | -    | -     | 1     | 1     | 1     | 2     | 3     |
| 05                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 1     | 3     |
| 06                                                                                            | -              | -    | -     | 1     | 1     | 1     | 2     | 3     |
| 07                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 1     | 3     |
| 08                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 09                                                                                            | 1              | 3    | 3     | 3     | 3     | 3     | 3     | 5     |
| 10                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 2     | 4     |
| 11                                                                                            | 1              | 1    | 1     | 1     | 1     | 1     | 1     | 3     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 1     | 1     | 1     | 2     | 2     | 3     |
| 23                                                                                            | 1              | 1    | 1     | 1     | 1     | 1     | 1     | 3     |
| MEAN                                                                                          | 0              | 0    | 1     | 1     | 1     | 1     | 2     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | 1              | 2    | 2     | 2     | 2     | 2     | 3     | 6     |
| 01                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 2     | 3     |
| 02                                                                                            | -              | -    | -     | 1     | 1     | 1     | 1     | 3     |
| 03                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 3     |
| 04                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 05                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 06                                                                                            | -              | -    | -     | -     | 1     | 1     | 1     | 1     |
| 07                                                                                            | -              | -    | -     | -     | 1     | 1     | 1     | 4     |
| 08                                                                                            | -              | -    | -     | -     | -     | 1     | 1     | 1     |
| 09                                                                                            | -              | -    | -     | -     | -     | 1     | 1     | 5     |
| 10                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 2     | 3     |
| 11                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 2     | 2     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 2              | 2    | 2     | 3     | 3     | 4     | 5     | 7     |
| 23                                                                                            | 1              | 2    | 3     | 3     | 3     | 3     | 4     | 5     |
| MEAN                                                                                          | 0              | 0    | 1     | 1     | 1     | 1     | 2     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | 1     | 1     | 2     | 3     | 7     | 10    |
| 01                                                                                            | -              | 1    | 3     | 3     | 3     | 4     | 5     | 7     |
| 02                                                                                            | -              | 1    | 1     | 2     | 2     | 3     | 5     | 8     |
| 03                                                                                            | -              | -    | 1     | 1     | 1     | 2     | 6     | 9     |
| 04                                                                                            | -              | 1    | 1     | 1     | 2     | 2     | 3     | 7     |
| 05                                                                                            | -              | -    | -     | 1     | 1     | 2     | 3     | 8     |
| 06                                                                                            | -              | -    | -     | 1     | 1     | 1     | 4     | 8     |
| 07                                                                                            | -              | -    | -     | -     | -     | 1     | 2     | 5     |
| 08                                                                                            | 1              | 1    | 1     | 1     | 1     | 2     | 2     | 7     |
| 09                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 3     | 7     |
| 10                                                                                            | -              | 1    | 1     | 1     | 1     | 3     | 6     | 9     |
| 11                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 5     | 7     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 1              | 2    | 2     | 3     | 4     | 5     | 9     | 9     |
| 23                                                                                            | -              | 1    | 3     | 3     | 3     | 4     | 5     | 8     |
| MEAN                                                                                          | 0              | 1    | 1     | 1     | 2     | 3     | 5     | 8     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | 1              | 1    | 2     | 2     | 3     | 3     | 3     | 10    |
| 01                                                                                            | -              | 1    | 1     | 3     | 3     | 3     | 5     | 7     |
| 02                                                                                            | -              | -    | -     | -     | -     | 1     | 3     | 6     |
| 03                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 4     | 5     |
| 04                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 3     | 6     |
| 05                                                                                            | -              | -    | -     | -     | 1     | 3     | 5     | 8     |
| 06                                                                                            | -              | -    | 1     | 1     | 1     | 2     | 4     | 7     |
| 07                                                                                            | -              | -    | -     | -     | 1     | 1     | 3     | 5     |
| 08                                                                                            | -              | -    | -     | 1     | 1     | 2     | 3     | 5     |
| 09                                                                                            | 1              | 1    | 1     | 1     | 1     | 3     | 5     | 8     |
| 10                                                                                            | 1              | 3    | 3     | 3     | 3     | 4     | 5     | 9     |
| 11                                                                                            | 1              | 1    | 2     | 3     | 3     | 3     | 6     | 8     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 3              | 3    | 3     | 3     | 3     | 5     | 7     | 15    |
| 23                                                                                            | 1              | 1    | 1     | 2     | 2     | 3     | 4     | 11    |
| MEAN                                                                                          | 1              | 1    | 1     | 1     | 2     | 3     | 4     | 8     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -     | 1     | 1     | 1     | 4     | 6     |
| 01                                                                                            | -              | -    | -     | 1     | 1     | 2     | 3     | 4     |
| 02                                                                                            | -              | -    | -     | -     | -     | 1     | 1     | 3     |
| 03                                                                                            | -              | -    | -     | 1     | 1     | 1     | 1     | 3     |
| 04                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 05                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 06                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 07                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 08                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 09                                                                                            | -              | -    | -     | -     | -     | -     | -     | 3     |
| 10                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 1     | 5     |
| 11                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 2     | 6     |
| 23                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 3     | 5     |
| MEAN                                                                                          | -              | 0    | 0     | 0     | 0     | 1     | 1     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 01                                                                                            | -              | -    | -     | -     | -     | -     | -     | 3     |
| 02                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 03                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 04                                                                                            | -              | -    | -     | -     | -     | -     | -     | 2     |
| 05                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 06                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 07                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 2     |
| 08                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 09                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 3     |
| 10                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 1     | 3     |
| 11                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 1     | 1     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 3     |
| 23                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 2     |
| MEAN                                                                                          | -              | 0    | 0     | 0     | 0     | 0     | 1     | 2     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 01                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 02                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 03                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 2     |
| 04                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 05                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 06                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 07                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 08                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 09                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 10                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 1     |
| 11                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 23                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| MEAN                                                                                          | -              | -    | -     | -     | -     | -     | 0     | 1     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -     | 1     | 1     | 2     | 3     | 4     |
| 01                                                                                            | -              | -    | -     | 1     | 1     | 1     | 1     | 2     |
| 02                                                                                            | -              | -    | -     | -     | -     | 1     | 2     | 3     |
| 03                                                                                            | -              | -    | -     | -     | -     | -     | 1     | 3     |
| 04                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 2     | 4     |
| 05                                                                                            | -              | -    | -     | 1     | 1     | 1     | 2     | 3     |
| 06                                                                                            | -              | 1    | 1     | 1     | 1     | 1     | 1     | 3     |
| 07                                                                                            | -              | -    | 1     | 1     | 1     | 1     | 3     | 5     |
| 08                                                                                            | -              | -    | -     | -     | -     | 1     | 1     | 2     |
| 09                                                                                            | -              | -    | -     | -     | -     | -     | -     | -     |
| 10                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 11                                                                                            | -              | -    | -     | -     | -     | -     | -     | 1     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 2     | 2     | 2     | 2     | 4     | 5     |
| 23                                                                                            | -              | -    | 1     | 1     | 1     | 2     | 3     | 5     |
| MEAN                                                                                          | -              | 0    | 0     | 1     | 1     | 1     | 2     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT      MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | 3     | 4     | 5     | 7     | 8     | 14    |
| 01                                                                                            | 1              | 1    | 3     | 5     | 5     | 5     | 8     | 10    |
| 02                                                                                            | -              | 1    | 3     | 4     | 5     | 6     | 8     | 12    |
| 03                                                                                            | 1              | 3    | 4     | 5     | 6     | 7     | 10    | 14    |
| 04                                                                                            | -              | 2    | 3     | 5     | 5     | 6     | 7     | 11    |
| 05                                                                                            | 1              | 1    | 2     | 6     | 6     | 9     | 12    | 15    |
| 06                                                                                            | -              | 1    | 3     | 5     | 5     | 6     | 9     | 10    |
| 07                                                                                            | 1              | 1    | 2     | 6     | 8     | 10    | 14    | 16    |
| 08                                                                                            | -              | -    | 3     | 3     | 4     | 5     | 7     | 11    |
| 09                                                                                            | 1              | 2    | 3     | 4     | 5     | 6     | 8     | 12    |
| 10                                                                                            | -              | -    | 1     | 3     | 3     | 5     | 6     | 9     |
| 11                                                                                            | 1              | 2    | 3     | 5     | 5     | 9     | 10    | 13    |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 2     | 5     | 7     | 9     | 11    | 14    |
| 23                                                                                            | -              | 2    | 3     | 6     | 6     | 8     | 12    | 15    |
| MEAN                                                                                          | 0              | 1    | 3     | 5     | 5     | 7     | 9     | 13    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: HAKODATE AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|-------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |       |       |       |       |       |       |
|                                                                                               | <400           | <700 | <1000 | <1500 | <1600 | <2400 | <3200 | <5000 |
| 00                                                                                            | 0              | 0    | 1     | 2     | 2     | 4     | 5     | 8     |
| 01                                                                                            | 0              | 1    | 1     | 2     | 2     | 3     | 4     | 6     |
| 02                                                                                            | 0              | 0    | 1     | 1     | 2     | 3     | 4     | 6     |
| 03                                                                                            | 0              | 1    | 1     | 2     | 2     | 2     | 4     | 6     |
| 04                                                                                            | 0              | 1    | 1     | 2     | 2     | 2     | 3     | 6     |
| 05                                                                                            | 0              | 0    | 1     | 2     | 2     | 3     | 4     | 7     |
| 06                                                                                            | 0              | 1    | 1     | 2     | 2     | 3     | 4     | 6     |
| 07                                                                                            | 0              | 0    | 1     | 2     | 2     | 3     | 4     | 7     |
| 08                                                                                            | 0              | 0    | 1     | 1     | 2     | 2     | 4     | 6     |
| 09                                                                                            | 0              | 1    | 1     | 2     | 2     | 3     | 4     | 6     |
| 10                                                                                            | 0              | 0    | 1     | 1     | 1     | 2     | 4     | 6     |
| 11                                                                                            | 0              | 1    | 1     | 1     | 2     | 3     | 4     | 5     |
| 12                                                                                            |                |      |       |       |       |       |       |       |
| 13                                                                                            |                |      |       |       |       |       |       |       |
| 14                                                                                            |                |      |       |       |       |       |       |       |
| 15                                                                                            |                |      |       |       |       |       |       |       |
| 16                                                                                            |                |      |       |       |       |       |       |       |
| 17                                                                                            |                |      |       |       |       |       |       |       |
| 18                                                                                            |                |      |       |       |       |       |       |       |
| 19                                                                                            |                |      |       |       |       |       |       |       |
| 20                                                                                            |                |      |       |       |       |       |       |       |
| 21                                                                                            |                |      |       |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 2     | 3     | 3     | 4     | 6     | 9     |
| 23                                                                                            | 0              | 1    | 2     | 3     | 3     | 4     | 5     | 8     |
| MEAN                                                                                          | 0              | 1    | 1     | 2     | 2     | 3     | 4     | 7     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 6     |
| 01                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 3     |
| 02                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 5     |
| 03                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 4     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 6     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 06                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 5     |
| 07                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 6     |
| 08                                                                                                                                                        | -       | -    | -    | 1    | 2    | 5     | 7     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 7     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 6     |
| 11                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 5     |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 5     |
| 23                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 3     |
| MEAN                                                                                                                                                      | -       | -    | -    | 0    | 1    | 2     | 5     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | 1    | 1    | 5     | 9     |
| 01                                                                                                                                                        | -       | -    | -    | -    | 1    | 6     | 8     |
| 02                                                                                                                                                        | -       | -    | -    | 1    | 1    | 6     | 8     |
| 03                                                                                                                                                        | -       | -    | -    | 1    | 4    | 6     | 7     |
| 04                                                                                                                                                        | -       | -    | -    | 2    | 3    | 5     | 6     |
| 05                                                                                                                                                        | -       | -    | -    | 1    | 2    | 3     | 8     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 6     | 8     |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 8     |
| 08                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 8     |
| 09                                                                                                                                                        | -       | -    | -    | -    | 1    | 6     | 11    |
| 10                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 8     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 8     |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 6     |
| 23                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 6     |
| MEAN                                                                                                                                                      | -       | -    | -    | 1    | 1    | 5     | 8     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 4     | 7     |
| 01                                                                                                                                                        | -       | -    | 1    | 3    | 3    | 3     | 6     |
| 02                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 5     |
| 03                                                                                                                                                        | -       | -    | -    | -    | -    | 3     | 7     |
| 04                                                                                                                                                        | -       | -    | -    | 1    | 2    | 3     | 7     |
| 05                                                                                                                                                        | -       | -    | -    | 1    | 1    | 6     | 9     |
| 06                                                                                                                                                        | -       | -    | -    | -    | 2    | 6     | 6     |
| 07                                                                                                                                                        | -       | -    | -    | 1    | 2    | 3     | 6     |
| 08                                                                                                                                                        | -       | -    | 1    | 1    | 3    | 4     | 10    |
| 09                                                                                                                                                        | -       | -    | 1    | 1    | 2    | 3     | 12    |
| 10                                                                                                                                                        | -       | -    | 1    | 3    | 3    | 6     | 9     |
| 11                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 5     | 10    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 5     | 8     |
| 23                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 6     | 10    |
| MEAN                                                                                                                                                      | -       | -    | 1    | 1    | 2    | 4     | 8     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE  
LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES  
AT SPECIFIED TIMES

| TIME<br>(UTC) | Hs (ft) |      |      |      |      |       |       |
|---------------|---------|------|------|------|------|-------|-------|
|               | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00            | -       | -    | 1    | 3    | 3    | 8     | 14    |
| 01            | -       | -    | 1    | 1    | 1    | 8     | 12    |
| 02            | -       | -    | 1    | 1    | 1    | 5     | 8     |
| 03            | -       | -    | 1    | 1    | 1    | 5     | 7     |
| 04            | -       | -    | 1    | 1    | 1    | 3     | 7     |
| 05            | -       | -    | -    | -    | 1    | 4     | 6     |
| 06            | -       | -    | 1    | 1    | 2    | 5     | 7     |
| 07            | -       | 1    | 1    | 1    | 1    | 3     | 3     |
| 08            | -       | -    | -    | 1    | 1    | 4     | 6     |
| 09            | -       | -    | 1    | 3    | 4    | 5     | 9     |
| 10            | -       | -    | 1    | 2    | 2    | 5     | 8     |
| 11            | -       | -    | 1    | 1    | 1    | 5     | 8     |
| 12            |         |      |      |      |      |       |       |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | 1    | 1    | 1    | 7     | 12    |
| 23            | -       | -    | 1    | 2    | 3    | 9     | 13    |
| MEAN          | -       | 0    | 1    | 1    | 2    | 5     | 9     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | 3    | 5    | 7    | 11    | 13    |
| 01                                                                                                                                                        | -       | -    | 2    | 5    | 6    | 10    | 12    |
| 02                                                                                                                                                        | -       | -    | 2    | 4    | 5    | 10    | 11    |
| 03                                                                                                                                                        | -       | -    | 1    | 3    | 4    | 8     | 12    |
| 04                                                                                                                                                        | -       | -    | -    | 2    | 3    | 6     | 11    |
| 05                                                                                                                                                        | -       | -    | -    | 1    | 3    | 6     | 9     |
| 06                                                                                                                                                        | -       | -    | -    | 1    | 3    | 5     | 6     |
| 07                                                                                                                                                        | -       | -    | 1    | 1    | 3    | 8     | 10    |
| 08                                                                                                                                                        | -       | -    | -    | 1    | 4    | 8     | 12    |
| 09                                                                                                                                                        | -       | -    | 1    | 1    | 2    | 7     | 13    |
| 10                                                                                                                                                        | -       | -    | -    | 1    | 2    | 8     | 13    |
| 11                                                                                                                                                        | -       | -    | -    | 3    | 4    | 8     | 13    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | 1    | 3    | 4    | 12    | 19    |
| 23                                                                                                                                                        | -       | -    | 3    | 4    | 6    | 12    | 17    |
| MEAN                                                                                                                                                      | -       | -    | 1    | 2    | 4    | 9     | 12    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | 4    | 11   | 11   | 23    | 34    |
| 01                                                                                                                                                        | -       | -    | 2    | 5    | 8    | 19    | 31    |
| 02                                                                                                                                                        | -       | -    | 3    | 7    | 7    | 18    | 27    |
| 03                                                                                                                                                        | -       | -    | 3    | 5    | 5    | 17    | 23    |
| 04                                                                                                                                                        | -       | -    | 3    | 3    | 5    | 13    | 21    |
| 05                                                                                                                                                        | -       | -    | 3    | 4    | 6    | 12    | 19    |
| 06                                                                                                                                                        | -       | 1    | 2    | 5    | 5    | 13    | 20    |
| 07                                                                                                                                                        | -       | -    | 1    | 3    | 5    | 14    | 21    |
| 08                                                                                                                                                        | -       | -    | 3    | 4    | 7    | 17    | 25    |
| 09                                                                                                                                                        | -       | -    | -    | 4    | 7    | 19    | 26    |
| 10                                                                                                                                                        | -       | -    | 3    | 5    | 9    | 23    | 30    |
| 11                                                                                                                                                        | -       | 1    | 3    | 7    | 9    | 23    | 29    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | 3    | 6    | 13   | 24    | 41    |
| 23                                                                                                                                                        | -       | -    | 3    | 5    | 9    | 23    | 35    |
| MEAN                                                                                                                                                      | -       | 0    | 2    | 5    | 8    | 18    | 27    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | 1    | 4    | 6    | 11   | 21    | 34    |
| 01                                                                                                                                                        | -       | -    | 3    | 8    | 10   | 17    | 28    |
| 02                                                                                                                                                        | -       | -    | 2    | 5    | 8    | 14    | 25    |
| 03                                                                                                                                                        | -       | -    | 3    | 7    | 10   | 15    | 21    |
| 04                                                                                                                                                        | -       | -    | 1    | 3    | 5    | 10    | 15    |
| 05                                                                                                                                                        | -       | 1    | 3    | 5    | 8    | 12    | 21    |
| 06                                                                                                                                                        | -       | -    | 4    | 5    | 8    | 15    | 24    |
| 07                                                                                                                                                        | -       | -    | 2    | 3    | 5    | 14    | 21    |
| 08                                                                                                                                                        | -       | -    | 3    | 5    | 6    | 15    | 23    |
| 09                                                                                                                                                        | -       | -    | 2    | 6    | 8    | 13    | 22    |
| 10                                                                                                                                                        | -       | 1    | 1    | 6    | 7    | 15    | 23    |
| 11                                                                                                                                                        | -       | 1    | 4    | 7    | 10   | 19    | 25    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | 1    | 5    | 8    | 12   | 25    | 37    |
| 23                                                                                                                                                        | -       | 1    | 6    | 13   | 15   | 27    | 36    |
| MEAN                                                                                                                                                      | -       | 0    | 3    | 6    | 9    | 17    | 25    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | 2    | 3    | 5    | 10    | 20    |
| 01                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 7     | 15    |
| 02                                                                                                                                                        | -       | -    | 1    | 1    | 1    | 6     | 15    |
| 03                                                                                                                                                        | -       | -    | 1    | 1    | 2    | 5     | 11    |
| 04                                                                                                                                                        | -       | -    | 1    | 1    | 1    | 5     | 11    |
| 05                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 8     |
| 06                                                                                                                                                        | -       | -    | -    | 1    | 2    | 6     | 12    |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 5     | 10    |
| 08                                                                                                                                                        | -       | -    | -    | 1    | 2    | 5     | 12    |
| 09                                                                                                                                                        | -       | -    | -    | 1    | 3    | 6     | 14    |
| 10                                                                                                                                                        | -       | -    | 1    | 3    | 3    | 8     | 17    |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 6     | 14    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | 1    | 5    | 6    | 12    | 25    |
| 23                                                                                                                                                        | -       | -    | 2    | 4    | 5    | 10    | 20    |
| MEAN                                                                                                                                                      | -       | -    | 1    | 2    | 2    | 7     | 15    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE  
LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES  
AT SPECIFIED TIMES

| TIME<br>(UTC) | Hs (ft) |      |      |      |      |       |       |
|---------------|---------|------|------|------|------|-------|-------|
|               | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00            | -       | -    | 1    | 1    | 2    | 5     | 11    |
| 01            | -       | -    | -    | 1    | 1    | 4     | 9     |
| 02            | -       | -    | -    | 1    | 1    | 2     | 9     |
| 03            | -       | -    | -    | 1    | 1    | 2     | 9     |
| 04            | -       | -    | -    | 1    | 2    | 3     | 9     |
| 05            | -       | -    | 1    | 1    | 1    | 3     | 9     |
| 06            | -       | -    | 1    | 1    | 1    | 5     | 10    |
| 07            | -       | -    | -    | 1    | 1    | 5     | 9     |
| 08            | -       | -    | -    | 1    | 1    | 5     | 10    |
| 09            | -       | -    | -    | 1    | 3    | 6     | 10    |
| 10            | -       | -    | 1    | 3    | 3    | 6     | 10    |
| 11            | -       | -    | -    | 1    | 1    | 3     | 8     |
| 12            |         |      |      |      |      |       |       |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | -    | 1    | 1    | 5     | 13    |
| 23            | -       | -    | -    | 1    | 1    | 5     | 11    |
| MEAN          | -       | -    | 0    | 1    | 1    | 4     | 10    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE  
LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES  
AT SPECIFIED TIMES

| TIME<br>(UTC) | Hs (ft) |      |      |      |      |       |       |
|---------------|---------|------|------|------|------|-------|-------|
|               | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00            | -       | -    | -    | -    | -    | 1     | 1     |
| 01            | -       | -    | -    | -    | 1    | 1     | 1     |
| 02            | -       | -    | -    | -    | -    | -     | 1     |
| 03            | -       | -    | -    | 1    | 1    | 1     | 2     |
| 04            | -       | -    | -    | -    | 1    | 1     | 1     |
| 05            | -       | -    | -    | 1    | 1    | 1     | 3     |
| 06            | -       | -    | -    | -    | 1    | 1     | 3     |
| 07            | -       | -    | -    | -    | -    | 1     | 3     |
| 08            | -       | -    | -    | 1    | 1    | 1     | 4     |
| 09            | -       | -    | -    | 1    | 1    | 3     | 3     |
| 10            | -       | -    | -    | 1    | 1    | 2     | 3     |
| 11            | -       | -    | -    | -    | -    | 1     | 3     |
| 12            |         |      |      |      |      |       |       |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | -    | -    | -    | 1     | 1     |
| 23            | -       | -    | -    | 1    | 1    | 2     | 3     |
| MEAN          | -       | -    | -    | 0    | 1    | 1     | 2     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 4     |
| 02                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 2     |
| 03                                                                                                                                                        | -       | -    | -    | 1    | 1    | 1     | 2     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 2     |
| 05                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 4     |
| 06                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 2     |
| 07                                                                                                                                                        | -       | -    | -    | 1    | 1    | 1     | 3     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 2     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 3     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 3     |
| 23                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 5     |
| MEAN                                                                                                                                                      | -       | -    | -    | 0    | 0    | 1     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT      MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 8     |
| 01                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 9     |
| 02                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 5     |
| 03                                                                                                                                                        | -       | -    | -    | 1    | 1    | 1     | 5     |
| 04                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 6     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | 3     | 6     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 7     |
| 08                                                                                                                                                        | -       | -    | -    | 1    | 1    | 1     | 6     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 3     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | 1    | 1    | 5     | 8     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | 3     | 4     |
| MEAN                                                                                                                                                      | -       | -    | -    | 0    | 0    | 2     | 6     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: HAKODATE AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 14

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112ft

| FREQUENCIES (PER CENT) OF THE HEIGHT OF THE BASE (IN FEET) OF THE<br>LOWEST CLOUD LAYER OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES<br>AT SPECIFIED TIMES |         |      |      |      |      |       |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------|------|------|-------|-------|
| TIME<br>(UTC)                                                                                                                                             | Hs (ft) |      |      |      |      |       |       |
|                                                                                                                                                           | <100    | <200 | <400 | <600 | <700 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | 0    | 1    | 3    | 4    | 8     | 14    |
| 01                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 7     | 12    |
| 02                                                                                                                                                        | -       | -    | 1    | 2    | 2    | 6     | 10    |
| 03                                                                                                                                                        | -       | -    | 1    | 2    | 2    | 6     | 9     |
| 04                                                                                                                                                        | -       | -    | 0    | 1    | 2    | 4     | 8     |
| 05                                                                                                                                                        | -       | 0    | 1    | 1    | 2    | 5     | 9     |
| 06                                                                                                                                                        | -       | 0    | 1    | 1    | 2    | 6     | 9     |
| 07                                                                                                                                                        | -       | 0    | 0    | 1    | 2    | 5     | 9     |
| 08                                                                                                                                                        | -       | -    | 1    | 1    | 2    | 6     | 10    |
| 09                                                                                                                                                        | -       | -    | 0    | 2    | 3    | 6     | 11    |
| 10                                                                                                                                                        | -       | 0    | 1    | 2    | 3    | 6     | 11    |
| 11                                                                                                                                                        | -       | 0    | 1    | 2    | 2    | 6     | 11    |
| 12                                                                                                                                                        |         |      |      |      |      |       |       |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | 0    | 1    | 2    | 4    | 9     | 15    |
| 23                                                                                                                                                        | -       | 0    | 1    | 3    | 4    | 9     | 14    |
| MEAN                                                                                                                                                      | -       | 0    | 1    | 2    | 3    | 6     | 11    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 3               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [35-36-01]                                                                                                                          | 7               | 2    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 9     |
| [02-03-04]                                                                                                                          | 8               | 6    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 15    |
| [05-06-07]                                                                                                                          | 2               | 3    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [08-09-10]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 2     |
| [11-12-13]                                                                                                                          | 0               | 0    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [14-15-16]                                                                                                                          | 0               | 0    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [17-18-19]                                                                                                                          | 0               | -    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 0     |
| [20-21-22]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 1     |
| [23-24-25]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | 0     | -     | -     | -     | -     | -   | 1     |
| [26-27-28]                                                                                                                          | 1               | 5    | 7     | 2     | 0     | 0     | -     | -     | -     | -     | -   | 15    |
| [29-30-31]                                                                                                                          | 5               | 16   | 10    | 2     | 0     | -     | -     | -     | -     | -     | -   | 33    |
| [32-33-34]                                                                                                                          | 8               | 6    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 16    |
| TOTAL                                                                                                                               | 35              | 38   | 20    | 6     | 1     | 0     | -     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 3               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [35-36-01]                                                                                                                          | 7               | 2    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [02-03-04]                                                                                                                          | 9               | 6    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 16    |
| [05-06-07]                                                                                                                          | 2               | 4    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 7     |
| [08-09-10]                                                                                                                          | 0               | 1    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [11-12-13]                                                                                                                          | 0               | 1    | 1     | 0     | 0     | 0     | -     | -     | -     | -     | -   | 2     |
| [14-15-16]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 1     |
| [17-18-19]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 1     |
| [20-21-22]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | 0     | -     | -     | -     | -   | 1     |
| [23-24-25]                                                                                                                          | 0               | 1    | 1     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 4     |
| [26-27-28]                                                                                                                          | 1               | 5    | 7     | 3     | 0     | -     | -     | -     | -     | -     | -   | 16    |
| [29-30-31]                                                                                                                          | 4               | 13   | 8     | 2     | 0     | -     | -     | -     | -     | -     | -   | 27    |
| [32-33-34]                                                                                                                          | 4               | 4    | 2     | 0     | 0     | 0     | -     | -     | -     | -     | -   | 11    |
| TOTAL                                                                                                                               | 32              | 36   | 22    | 8     | 1     | 0     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     | TOTAL |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 |       |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0)    |
| VARIABLE                                                                                                                            | 4)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [35-36-01]                                                                                                                          | 5)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [02-03-04]                                                                                                                          | 8)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 11)   |
| [05-06-07]                                                                                                                          | 3)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| [08-09-10]                                                                                                                          | 0)              | 2)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [11-12-13]                                                                                                                          | 0)              | 1)   | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [14-15-16]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [17-18-19]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 1)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [23-24-25]                                                                                                                          | 1)              | 3)   | 3)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 11)   |
| [26-27-28]                                                                                                                          | 1)              | 4)   | 6)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [29-30-31]                                                                                                                          | 3)              | 7)   | 6)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 18)   |
| [32-33-34]                                                                                                                          | 4)              | 3)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| TOTAL                                                                                                                               | 32)             | 32)  | 22)   | 11)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT      MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     | TOTAL |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 |       |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 5               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 5     |
| [35-36-01]                                                                                                                          | 3               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [02-03-04]                                                                                                                          | 8               | 4    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 12    |
| [05-06-07]                                                                                                                          | 4               | 5    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [08-09-10]                                                                                                                          | 1               | 1    | 2     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 6     |
| [11-12-13]                                                                                                                          | 1               | 1    | 1     | 2     | 0     | 0     | -     | 0     | -     | -     | -   | 5     |
| [14-15-16]                                                                                                                          | 1               | 3    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [17-18-19]                                                                                                                          | 2               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [20-21-22]                                                                                                                          | 2               | 3    | 2     | 1     | 0     | -     | -     | -     | -     | -     | -   | 8     |
| [23-24-25]                                                                                                                          | 1               | 3    | 3     | 2     | 0     | 0     | 0     | 0     | -     | -     | -   | 10    |
| [26-27-28]                                                                                                                          | 1               | 3    | 4     | 4     | 1     | 0     | -     | -     | -     | -     | -   | 13    |
| [29-30-31]                                                                                                                          | 2               | 4    | 3     | 1     | 0     | -     | -     | -     | -     | -     | -   | 11    |
| [32-33-34]                                                                                                                          | 3               | 2    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 6     |
| TOTAL                                                                                                                               | 33              | 33   | 20    | 11    | 2     | 0     | 0     | 0     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 6               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 7     |
| [35-36-01]                                                                                                                          | 3               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [02-03-04]                                                                                                                          | 7               | 3    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [05-06-07]                                                                                                                          | 5               | 5    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [08-09-10]                                                                                                                          | 1               | 2    | 3     | 1     | 0     | 0     | 0     | -     | -     | -     | -   | 8     |
| [11-12-13]                                                                                                                          | 2               | 2    | 1     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 7     |
| [14-15-16]                                                                                                                          | 4               | 5    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [17-18-19]                                                                                                                          | 3               | 2    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 5     |
| [20-21-22]                                                                                                                          | 2               | 4    | 2     | 1     | 0     | -     | -     | -     | -     | -     | -   | 10    |
| [23-24-25]                                                                                                                          | 3               | 5    | 4     | 1     | 0     | -     | -     | -     | -     | -     | -   | 12    |
| [26-27-28]                                                                                                                          | 1               | 3    | 3     | 1     | 0     | -     | -     | -     | -     | -     | -   | 7     |
| [29-30-31]                                                                                                                          | 2               | 2    | 2     | 1     | 0     | -     | -     | -     | -     | -     | -   | 7     |
| [32-33-34]                                                                                                                          | 2               | 1    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| TOTAL                                                                                                                               | 41              | 34   | 17    | 6     | 1     | 0     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 1     |
| VARIABLE                                                                                                                            | 6               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [35-36-01]                                                                                                                          | 2               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [02-03-04]                                                                                                                          | 8               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 9     |
| [05-06-07]                                                                                                                          | 6               | 8    | 1     | 0     | -     | 0     | -     | -     | -     | -     | -   | 14    |
| [08-09-10]                                                                                                                          | 2               | 6    | 5     | 1     | 0     | -     | -     | -     | -     | -     | -   | 15    |
| [11-12-13]                                                                                                                          | 2               | 4    | 3     | 1     | 0     | -     | 0     | -     | -     | -     | -   | 10    |
| [14-15-16]                                                                                                                          | 4               | 7    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 13    |
| [17-18-19]                                                                                                                          | 4               | 2    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [20-21-22]                                                                                                                          | 3               | 2    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 6     |
| [23-24-25]                                                                                                                          | 3               | 3    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [26-27-28]                                                                                                                          | 1               | 2    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [29-30-31]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [32-33-34]                                                                                                                          | 1               | 0    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 2     |
| TOTAL                                                                                                                               | 44              | 36   | 15    | 3     | 0     | 0     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 1     |
| VARIABLE                                                                                                                            | 6               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [35-36-01]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [02-03-04]                                                                                                                          | 9               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 9     |
| [05-06-07]                                                                                                                          | 7               | 5    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 13    |
| [08-09-10]                                                                                                                          | 2               | 6    | 4     | 1     | 0     | -     | -     | -     | -     | -     | -   | 13    |
| [11-12-13]                                                                                                                          | 2               | 3    | 4     | 1     | 0     | -     | -     | -     | -     | -     | -   | 11    |
| [14-15-16]                                                                                                                          | 5               | 6    | 3     | 0     | -     | -     | -     | -     | -     | -     | -   | 13    |
| [17-18-19]                                                                                                                          | 4               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 5     |
| [20-21-22]                                                                                                                          | 3               | 3    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 8     |
| [23-24-25]                                                                                                                          | 3               | 5    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [26-27-28]                                                                                                                          | 1               | 2    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [29-30-31]                                                                                                                          | 1               | 2    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [32-33-34]                                                                                                                          | 1               | 0    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 1     |
| TOTAL                                                                                                                               | 46              | 34   | 16    | 3     | 0     | -     | -     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     | TOTAL |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 |       |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 5               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 5     |
| [35-36-01]                                                                                                                          | 3               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [02-03-04]                                                                                                                          | 13              | 2    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 15    |
| [05-06-07]                                                                                                                          | 10              | 6    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 17    |
| [08-09-10]                                                                                                                          | 2               | 6    | 2     | 1     | 0     | 0     | 0     | 0     | 0     | -     | -   | 12    |
| [11-12-13]                                                                                                                          | 2               | 3    | 4     | 1     | 0     | 0     | -     | 0     | -     | -     | -   | 11    |
| [14-15-16]                                                                                                                          | 3               | 6    | 2     | 0     | 0     | -     | -     | -     | -     | -     | -   | 10    |
| [17-18-19]                                                                                                                          | 2               | 2    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [20-21-22]                                                                                                                          | 2               | 3    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 7     |
| [23-24-25]                                                                                                                          | 1               | 4    | 2     | 0     | 0     | -     | -     | -     | -     | -     | -   | 8     |
| [26-27-28]                                                                                                                          | 1               | 2    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [29-30-31]                                                                                                                          | 1               | 2    | 1     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [32-33-34]                                                                                                                          | 1               | 0    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| TOTAL                                                                                                                               | 46              | 36   | 14    | 4     | 1     | 0     | 0     | 0     | 0     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0)    |
| VARIABLE                                                                                                                            | 4)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [35-36-01]                                                                                                                          | 6)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [02-03-04]                                                                                                                          | 17)             | 7)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 24)   |
| [05-06-07]                                                                                                                          | 7)              | 6)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 13)   |
| [08-09-10]                                                                                                                          | 1)              | 5)   | 4)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| [11-12-13]                                                                                                                          | 1)              | 2)   | 5)    | 3)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 11)   |
| [14-15-16]                                                                                                                          | 1)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [17-18-19]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [20-21-22]                                                                                                                          | 1)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [23-24-25]                                                                                                                          | 1)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [26-27-28]                                                                                                                          | 1)              | 2)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [29-30-31]                                                                                                                          | 2)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [32-33-34]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| TOTAL                                                                                                                               | 45)             | 36)  | 14)   | 5)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0)    |
| VARIABLE                                                                                                                            | 3)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [35-36-01]                                                                                                                          | 5)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [02-03-04]                                                                                                                          | 11)             | 13)  | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 23)   |
| [05-06-07]                                                                                                                          | 2)              | 4)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [08-09-10]                                                                                                                          | 1)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [11-12-13]                                                                                                                          | 0)              | 1)   | 2)    | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [14-15-16]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [17-18-19]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 1)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [23-24-25]                                                                                                                          | 1)              | 2)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [26-27-28]                                                                                                                          | 1)              | 4)   | 5)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 14)   |
| [29-30-31]                                                                                                                          | 3)              | 7)   | 5)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 17)   |
| [32-33-34]                                                                                                                          | 4)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| TOTAL                                                                                                                               | 32)             | 40)  | 18)   | 8)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0)    |
| VARIABLE                                                                                                                            | 3)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [35-36-01]                                                                                                                          | 6)              | 2)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| [02-03-04]                                                                                                                          | 10)             | 8)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 17)   |
| [05-06-07]                                                                                                                          | 3)              | 4)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [08-09-10]                                                                                                                          | 0)              | 0)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [11-12-13]                                                                                                                          | 0)              | 0)   | 1)    | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [14-15-16]                                                                                                                          | 0)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [17-18-19]                                                                                                                          | 0)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [20-21-22]                                                                                                                          | 1)              | 1)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [23-24-25]                                                                                                                          | 1)              | 1)   | 2)    | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [26-27-28]                                                                                                                          | 1)              | 4)   | 6)    | 4)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [29-30-31]                                                                                                                          | 4)              | 9)   | 5)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 20)   |
| [32-33-34]                                                                                                                          | 6)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| TOTAL                                                                                                                               | 34)             | 35)  | 17)   | 9)    | 4)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT      MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     | TOTAL |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 |       |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0     |
| VARIABLE                                                                                                                            | 2               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [35-36-01]                                                                                                                          | 6               | 2    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [02-03-04]                                                                                                                          | 8               | 5    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 13    |
| [05-06-07]                                                                                                                          | 1               | 3    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [08-09-10]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | -     | -     | -     | -     | -   | 1     |
| [11-12-13]                                                                                                                          | 0               | 0    | 0     | 1     | 1     | 0     | 0     | -     | -     | -     | -   | 2     |
| [14-15-16]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | 0     | 0     | -     | -     | -     | -   | 1     |
| [17-18-19]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | 0     | -     | -     | -     | -     | -   | 0     |
| [20-21-22]                                                                                                                          | 0               | 0    | 0     | 0     | 0     | -     | 0     | -     | -     | -     | -   | 1     |
| [23-24-25]                                                                                                                          | 0               | 1    | 1     | 0     | 0     | 0     | 0     | -     | -     | -     | -   | 2     |
| [26-27-28]                                                                                                                          | 1               | 4    | 8     | 5     | 1     | 0     | 0     | -     | -     | -     | -   | 20    |
| [29-30-31]                                                                                                                          | 4               | 16   | 8     | 2     | 0     | 0     | -     | -     | -     | -     | -   | 31    |
| [32-33-34]                                                                                                                          | 6               | 4    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 12    |
| TOTAL                                                                                                                               | 30              | 37   | 21    | 9     | 3     | 1     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: HAKODATE AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT<br>WIND DIRECTION (IN 30 ° SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES |                 |      |       |       |       |       |       |       |       |       |     |       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| WIND<br>DIRECTION                                                                                                                   | WIND SPEED (kt) |      |       |       |       |       |       |       |       |       |     |       |
|                                                                                                                                     | 1-5             | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | >50 | TOTAL |
| CALM                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 0)    |
| VARIABLE                                                                                                                            | 4)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [35-36-01]                                                                                                                          | 4)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [02-03-04]                                                                                                                          | 10)             | 5)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 15)   |
| [05-06-07]                                                                                                                          | 4)              | 5)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 9)    |
| [08-09-10]                                                                                                                          | 1)              | 3)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [11-12-13]                                                                                                                          | 1)              | 2)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [14-15-16]                                                                                                                          | 2)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [17-18-19]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [20-21-22]                                                                                                                          | 1)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [23-24-25]                                                                                                                          | 1)              | 3)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [26-27-28]                                                                                                                          | 1)              | 3)   | 4)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 11)   |
| [29-30-31]                                                                                                                          | 3)              | 7)   | 4)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 15)   |
| [32-33-34]                                                                                                                          | 4)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| TOTAL                                                                                                                               | 38)             | 36)  | 18)   | 7)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | 34              | 48            | 17           | 1             | -              | -              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | 20              | 53            | 26           | 1             | -              | -              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | 12              | 54            | 32           | 3             | -              | -              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | 13              | 50            | 34           | 4             | -              | -              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | 14              | 49            | 34           | 3             | -              | -              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | 14              | 48            | 35           | 3             | -              | -              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | 16              | 50            | 32           | 3             | -              | -              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | 19              | 50            | 30           | 1             | -              | -              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | 22              | 54            | 23           | 1             | -              | -              | -              | -              | -              | -  |
| 09                                                                                           | -               | 1                | 26              | 53            | 20           | -             | -              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | 3                | 28              | 51            | 17           | 1             | -              | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | 3                | 34              | 46            | 16           | 1             | -              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | 5                | 35              | 46            | 13           | 1             | -              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | 8                | 36              | 45            | 10           | -             | -              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | 8                | 38              | 41            | 12           | 1             | -              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | 12               | 37              | 37            | 13           | 1             | -              | -              | -              | -              | -              | -  |
| 16                                                                                           | -               | 12               | 39              | 35            | 14           | -             | -              | -              | -              | -              | -              | -  |
| 17                                                                                           | 1               | 12               | 37              | 37            | 12           | 1             | -              | -              | -              | -              | -              | -  |
| 18                                                                                           | 1               | 12               | 37              | 36            | 14           | 1             | -              | -              | -              | -              | -              | -  |
| 19                                                                                           | 1               | 12               | 37              | 37            | 13           | -             | -              | -              | -              | -              | -              | -  |
| 20                                                                                           | 2               | 13               | 37              | 34            | 14           | -             | -              | -              | -              | -              | -              | -  |
| 21                                                                                           | 1               | 10               | 39              | 36            | 13           | 1             | -              | -              | -              | -              | -              | -  |
| 22                                                                                           | -               | 9                | 46              | 34            | 11           | 1             | -              | -              | -              | -              | -              | -  |
| 23                                                                                           | -               | 4                | 45              | 37            | 13           | 1             | -              | -              | -              | -              | -              | -  |
| MEAN                                                                                         | 0               | 5                | 30              | 44            | 19           | 1             | -              | -              | -              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | 18              | 54            | 25           | 3             | -              | -              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | 13              | 49            | 32           | 6             | -              | -              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | 8               | 44            | 42           | 6             | -              | -              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | 8               | 42            | 44           | 5             | 1              | -              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | 8               | 40            | 46           | 5             | 1              | -              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | 8               | 41            | 43           | 7             | 1              | -              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | 8               | 46            | 41           | 4             | 1              | -              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | 11              | 49            | 37           | 4             | -              | -              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | 17              | 46            | 35           | 1             | -              | -              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | 22              | 46            | 30           | 2             | -              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | 27              | 46            | 27           | -             | -              | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | 1                | 33              | 42            | 24           | -             | -              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | 2                | 34              | 41            | 23           | 1             | -              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | 3                | 33              | 44            | 20           | -             | -              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | 4                | 32              | 44            | 18           | 2             | -              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | 6                | 34              | 42            | 18           | 1             | -              | -              | -              | -              | -              | -  |
| 16                                                                                           | -               | 6                | 38              | 37            | 18           | 1             | -              | -              | -              | -              | -              | -  |
| 17                                                                                           | 1               | 6                | 36              | 39            | 16           | 1             | -              | -              | -              | -              | -              | -  |
| 18                                                                                           | 1               | 8                | 39              | 35            | 16           | 2             | -              | -              | -              | -              | -              | -  |
| 19                                                                                           | -               | 10               | 39              | 35            | 15           | 2             | -              | -              | -              | -              | -              | -  |
| 20                                                                                           | -               | 8                | 39              | 35            | 15           | 2             | -              | -              | -              | -              | -              | -  |
| 21                                                                                           | -               | 8                | 42              | 32            | 15           | 2             | -              | -              | -              | -              | -              | -  |
| 22                                                                                           | -               | 7                | 44              | 31            | 17           | 1             | -              | -              | -              | -              | -              | -  |
| 23                                                                                           | -               | 1                | 39              | 41            | 17           | 3             | -              | -              | -              | -              | -              | -  |
| MEAN                                                                                         | 0               | 3                | 26              | 42            | 26           | 3             | 0              | -              | -              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | 1               | 21            | 50           | 25            | 3              | -              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | 1               | 21            | 46           | 29            | 4              | -              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | 15            | 45           | 33            | 8              | -              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | 12            | 47           | 32            | 9              | -              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | 13            | 42           | 33            | 12             | -              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | 1               | 12            | 44           | 30            | 13             | -              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | 1               | 14            | 41           | 34            | 10             | -              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | 1               | 14            | 46           | 34            | 5              | -              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | 1               | 23            | 47           | 26            | 3              | -              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | 2               | 26            | 46           | 24            | 1              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | 2               | 29            | 47           | 21            | 1              | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | -                | 3               | 32            | 46           | 19            | 1              | -              | -              | -              | -              | -  |
| 12                                                                                           | 0)              | 0)               | 3)              | 32)           | 49)          | 16)           | 1)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 13                                                                                           | -               | -                | 4               | 42            | 39           | 14            | 1              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | -                | 7               | 39            | 41           | 12            | 1              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | -                | 8               | 43            | 35           | 14            | 1              | -              | -              | -              | -              | -  |
| 16                                                                                           | -               | -                | 8               | 47            | 34           | 10            | 1              | -              | -              | -              | -              | -  |
| 17                                                                                           | -               | -                | 8               | 49            | 31           | 12            | -              | -              | -              | -              | -              | -  |
| 18                                                                                           | -               | 1                | 10              | 49            | 28           | 12            | -              | -              | -              | -              | -              | -  |
| 19                                                                                           | -               | -                | 12              | 46            | 32           | 10            | -              | -              | -              | -              | -              | -  |
| 20                                                                                           | -               | -                | 12              | 45            | 35           | 8             | -              | -              | -              | -              | -              | -  |
| 21                                                                                           | -               | 2                | 12              | 44            | 34           | 9             | -              | -              | -              | -              | -              | -  |
| 22                                                                                           | -               | -                | 8               | 39            | 41           | 12            | -              | -              | -              | -              | -              | -  |
| 23                                                                                           | -               | -                | 3               | 28            | 46           | 23            | 1              | -              | -              | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 4)              | 31)           | 41)          | 20)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | -               | -             | 11           | 67            | 21             | 1              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | 1             | 5            | 58            | 34             | 2              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | 1             | 6            | 46            | 44             | 3              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | 6            | 41            | 51             | 3              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | 5            | 43            | 46             | 5              | 1              | -              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | 6            | 43            | 46             | 5              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | -               | -             | 7            | 47            | 40             | 5              | 1              | -              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | 7            | 50            | 37             | 5              | 1              | -              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | 9            | 60            | 29             | 2              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | 1             | 14           | 66            | 19             | 1              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | -               | 1             | 21           | 67            | 11             | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | 2             | 25           | 64            | 9              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | 4             | 33           | 57            | 5              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | 6             | 37           | 53            | 5              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | -                | -               | 7             | 45           | 43            | 5              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | -                | -               | 7             | 45           | 43            | 5              | -              | -              | -              | -              | -  |
| 16                                                                                           | -               | -                | -               | 11            | 47           | 38            | 4              | -              | -              | -              | -              | -  |
| 17                                                                                           | -               | -                | -               | 14            | 49           | 33            | 4              | -              | -              | -              | -              | -  |
| 18                                                                                           | -               | -                | -               | 15            | 47           | 36            | 3              | -              | -              | -              | -              | -  |
| 19                                                                                           | -               | -                | 1               | 17            | 43           | 36            | 3              | -              | -              | -              | -              | -  |
| 20                                                                                           | -               | -                | 1               | 19            | 45           | 33            | 2              | -              | -              | -              | -              | -  |
| 21                                                                                           | -               | -                | -               | 10            | 45           | 43            | 2              | 1              | -              | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | 3             | 29           | 58            | 9              | -              | -              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | 1             | 14           | 68            | 17             | 1              | -              | -              | -              | -  |
| MEAN                                                                                         | -               | -                | 0               | 5             | 25           | 50            | 19             | 1              | 0              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E  
 AERODROME: HAKODATE AIRPORT      MONTH: MAY  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 24  
 LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5    AT SPECIFIED TIMES |                    |                  |                 |               |              |               |                |                |                |                |                |    |
|-------------------------------------------------------------------------------------------------|--------------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                   | TEMPERATURE (    ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                                 | <-15               | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                              | -                  | -                | -               | -             | 1            | 12            | 65             | 21             | 1              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | -             | 1            | 8             | 66             | 24             | 1              | -              | -              | -  |
| 02                                                                                              | -                  | -                | -               | -             | -            | 9             | 55             | 34             | 1              | -              | -              | -  |
| 03                                                                                              | -                  | -                | -               | -             | -            | 10            | 47             | 41             | 2              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | -             | -            | 8             | 43             | 46             | 3              | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | -             | -            | 9             | 46             | 43             | 1              | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | -             | -            | 9             | 46             | 43             | 3              | -              | -              | -  |
| 07                                                                                              | -                  | -                | -               | -             | 1            | 9             | 56             | 32             | 3              | -              | -              | -  |
| 08                                                                                              | -                  | -                | -               | -             | 1            | 12            | 58             | 28             | 2              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | -             | 1            | 12            | 67             | 19             | 1              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | -             | 1            | 16            | 70             | 13             | -              | -              | -              | -  |
| 11                                                                                              | -                  | -                | -               | -             | 1            | 28            | 65             | 6              | -              | -              | -              | -  |
| 12                                                                                              | -                  | -                | -               | -             | 1            | 29            | 65             | 5              | -              | -              | -              | -  |
| 13                                                                                              | -                  | -                | -               | -             | 3            | 39            | 55             | 3              | -              | -              | -              | -  |
| 14                                                                                              | -                  | -                | -               | -             | 5            | 44            | 49             | 3              | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | -               | -             | 6            | 46            | 46             | 2              | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | -               | -             | 6            | 54            | 38             | 2              | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | -               | -             | 8            | 59            | 31             | 3              | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | -               | -             | 7            | 59            | 34             | 1              | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | -               | 1             | 8            | 57            | 32             | 1              | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | -               | -             | 6            | 52            | 40             | 1              | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | -               | -             | 3            | 38            | 56             | 3              | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | -               | -             | 1            | 22            | 70             | 8              | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | -               | -             | 1            | 16            | 66             | 16             | 1              | -              | -              | -  |
| MEAN                                                                                            | -                  | -                | -               | 0             | 2            | 27            | 53             | 17             | 1              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E  
 AERODROME: HAKODATE AIRPORT      MONTH: JUN  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 24  
 LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5    AT SPECIFIED TIMES |                    |                  |                 |               |              |               |                |                |                |                |                |    |
|-------------------------------------------------------------------------------------------------|--------------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                   | TEMPERATURE (    ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                                 | <-15               | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                              | -                  | -                | -               | -             | -            | -             | 31             | 65             | 4              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | -             | -            | -             | 23             | 70             | 7              | -              | -              | -  |
| 02                                                                                              | -                  | -                | -               | -             | -            | -             | 22             | 71             | 7              | -              | -              | -  |
| 03                                                                                              | -                  | -                | -               | -             | -            | -             | 17             | 74             | 9              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | -             | -            | -             | 17             | 71             | 11             | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | -             | -            | -             | 17             | 70             | 13             | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | -             | -            | -             | 17             | 70             | 13             | -              | -              | -  |
| 07                                                                                              | -                  | -                | -               | -             | -            | -             | 20             | 69             | 11             | -              | -              | -  |
| 08                                                                                              | -                  | -                | -               | -             | -            | -             | 23             | 69             | 9              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | -             | -            | -             | 30             | 67             | 3              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | -             | -            | -             | 41             | 58             | 1              | -              | -              | -  |
| 11                                                                                              | -                  | -                | -               | -             | -            | -             | 56             | 44             | -              | -              | -              | -  |
| 12                                                                                              | -                  | -                | -               | -             | -            | 2             | 54             | 44             | -              | -              | -              | -  |
| 13                                                                                              | -                  | -                | -               | -             | -            | 2             | 62             | 36             | -              | -              | -              | -  |
| 14                                                                                              | -                  | -                | -               | -             | -            | 3             | 61             | 36             | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | -               | -             | -            | 4             | 63             | 33             | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | -               | -             | -            | 5             | 66             | 29             | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | -               | -             | -            | 6             | 69             | 25             | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | -               | -             | -            | 9             | 69             | 23             | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | -               | -             | -            | 9             | 69             | 23             | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | -               | -             | -            | 9             | 70             | 21             | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | -               | -             | -            | 1             | 63             | 36             | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | -               | -             | -            | -             | 46             | 54             | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | -               | -             | -            | -             | 40             | 59             | 1              | -              | -              | -  |
| MEAN                                                                                            | -                  | -                | -               | -             | -            | 2             | 44             | 51             | 4              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 43             | 53             | 3              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 37             | 57             | 5              | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | 33             | 59             | 8              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | 28             | 63             | 9              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 25             | 66             | 8              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | -              | 25             | 66             | 8              | -              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | -              | 25             | 66             | 8              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | -              | 30             | 62             | 8              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | -              | 34             | 59             | 7              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 39             | 57             | 3              | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 47             | 50             | 1              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | 2              | 59             | 39             | 1              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | -             | 4              | 61             | 34             | 1              | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | -             | 7              | 60             | 32             | 1              | -              | -  |
| 14                                                                                           | -               | -                | -               | -             | -            | -             | 10             | 58             | 32             | -              | -              | -  |
| 15                                                                                           | -               | -                | -               | -             | -            | -             | 10             | 59             | 30             | -              | -              | -  |
| 16                                                                                           | -               | -                | -               | -             | -            | -             | 12             | 65             | 24             | -              | -              | -  |
| 17                                                                                           | -               | -                | -               | -             | -            | -             | 12             | 65             | 23             | -              | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | -            | -             | 11             | 66             | 23             | -              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | -            | 1             | 12             | 65             | 23             | -              | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | -            | -             | 10             | 67             | 23             | -              | -              | -  |
| 21                                                                                           | -               | -                | -               | -             | -            | -             | 7              | 62             | 31             | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 56             | 41             | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 52             | 46             | 2              | -              | -  |
| MEAN                                                                                         | -               | -                | -               | -             | -            | 0             | 4              | 48             | 44             | 3              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | -               | -             | -            | -             | -              | 6              | 74             | 20             | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | -              | 4              | 62             | 34             | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 54             | 43             | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 54             | 44             | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 50             | 48             | 1              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 50             | 46             | 1              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 48             | 49             | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | -              | 6              | 52             | 42             | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | -              | 8              | 59             | 32             | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | -              | 15             | 65             | 21             | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | -              | 19             | 69             | 12             | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | -              | 25             | 71             | 5              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 29             | 66             | 4              | -              | -  |
| 13                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 32)            | 63)            | 4)             | 0)             | 0) |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 36)            | 60)            | 3)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 2)             | 38)            | 56)            | 3)             | 0)             | 0) |
| 16                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 35             | 59             | 3              | -              | -  |
| 17                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 37             | 59             | 2              | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 37             | 56             | 4              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 41             | 52             | 3              | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 41             | 53             | 3              | -              | -  |
| 21                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 31             | 63             | 4              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | -             | -              | 19             | 75             | 6              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | -              | 10             | 75             | 14             | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 20)            | 60)            | 19)            | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 35             | 56             | 8              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | -              | 23             | 67             | 10             | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | 24             | 64             | 12             | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | 21             | 64             | 15             | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 22             | 64             | 14             | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 21             | 65             | 12             | 1              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 25             | 62             | 11             | 1              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 29             | 59             | 11             | 1              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 41             | 51             | 8              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 55             | 37             | 4              | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | 9              | 57             | 30             | 3              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | 16             | 55             | 27             | 1              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | 1             | 19             | 55             | 25             | -              | -              | -  |
| 13                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 3)            | 23)            | 51)            | 23)            | 0)             | 0)             | 0) |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 3)            | 23)            | 51)            | 22)            | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 3)            | 28)            | 47)            | 22)            | 0)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 3)            | 26)            | 48)            | 23)            | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 3)            | 28)            | 46)            | 23)            | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 4)            | 30)            | 41)            | 25)            | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 6)            | 28)            | 42)            | 25)            | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 0)            | 1)           | 7)            | 28)            | 41)            | 24)            | 0)             | 0)             | 0) |
| 21                                                                                           | -               | -                | -               | -             | -            | 6             | 27             | 43             | 24             | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | 1             | 17             | 53             | 28             | 2              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | 3              | 48             | 43             | 5              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 2)            | 13)            | 41)            | 40)            | 5)             | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | -               | -             | 1            | 14            | 48             | 35             | 3              | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | 12            | 39             | 45             | 5              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | 1            | 7             | 37             | 47             | 8              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | 7             | 34             | 51             | 8              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | 6             | 35             | 48             | 10             | -              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | 6             | 34             | 50             | 9              | -              | -              | -  |
| 06                                                                                           | -               | -                | -               | -             | 1            | 8             | 39             | 46             | 6              | -              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | 14            | 44             | 37             | 5              | -              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | 3            | 17            | 50             | 26             | 3              | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | 4            | 23            | 52             | 21             | 1              | -              | -              | -  |
| 10                                                                                           | -               | -                | -               | 1             | 5            | 30            | 45             | 19             | 1              | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | 9            | 32            | 41             | 17             | 1              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | 1             | 10           | 38            | 35             | 15             | 1              | -              | -              | -  |
| 13                                                                                           | 0)              | 0)               | 0)              | 1)            | 13)          | 37)           | 32)            | 16)            | 1)             | 0)             | 0)             | 0) |
| 14                                                                                           | 0)              | 0)               | 0)              | 1)            | 12)          | 43)           | 29)            | 15)            | 1)             | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 1)            | 14)          | 42)           | 28)            | 15)            | 1)             | 0)             | 0)             | 0) |
| 16                                                                                           | -               | -                | -               | 1             | 13           | 41            | 31             | 14             | 1              | -              | -              | -  |
| 17                                                                                           | -               | -                | -               | 1             | 15           | 41            | 29             | 14             | 1              | -              | -              | -  |
| 18                                                                                           | -               | -                | -               | 1             | 18           | 39            | 29             | 12             | 1              | -              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | 22           | 34            | 32             | 12             | -              | -              | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | 21           | 37            | 28             | 14             | -              | -              | -              | -  |
| 21                                                                                           | -               | -                | -               | 1             | 22           | 34            | 30             | 14             | -              | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | 12           | 38            | 33             | 17             | -              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | 2            | 26            | 45             | 26             | 1              | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 8)           | 26)           | 37)            | 26)            | 3)             | 0)             | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E  
 AERODROME: HAKODATE AIRPORT      MONTH: NOV  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 24  
 LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5    AT SPECIFIED TIMES |                    |                  |                 |               |              |               |                |                |                |                |                |    |
|-------------------------------------------------------------------------------------------------|--------------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                   | TEMPERATURE (    ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                                 | <-15               | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                              | -                  | -                | -               | 5             | 30           | 35            | 29             | 1              | -              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | 4             | 24           | 37            | 33             | 2              | -              | -              | -              | -  |
| 02                                                                                              | -                  | -                | -               | 3             | 22           | 34            | 34             | 7              | -              | -              | -              | -  |
| 03                                                                                              | -                  | -                | -               | 1             | 21           | 37            | 32             | 9              | -              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | 3             | 19           | 38            | 29             | 10             | -              | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | 3             | 19           | 40            | 29             | 8              | -              | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | 4             | 23           | 35            | 31             | 7              | -              | -              | -              | -  |
| 07                                                                                              | -                  | -                | -               | 6             | 26           | 37            | 26             | 5              | -              | -              | -              | -  |
| 08                                                                                              | -                  | -                | 1               | 6             | 28           | 39            | 23             | 3              | -              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | 9             | 31           | 38            | 20             | 2              | -              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | 8             | 37           | 39            | 15             | 1              | -              | -              | -              | -  |
| 11                                                                                              | -                  | -                | 1               | 12            | 37           | 35            | 15             | 1              | -              | -              | -              | -  |
| 12                                                                                              | 0)                 | 0)               | 1)              | 13)           | 38)          | 32)           | 15)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 13                                                                                              | 0)                 | 0)               | 1)              | 13)           | 38)          | 33)           | 15)            | 0)             | 0)             | 0)             | 0)             | 0) |
| 14                                                                                              | -                  | -                | 1               | 14            | 40           | 29            | 15             | 1              | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | 1               | 17            | 38           | 31            | 12             | 1              | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | 1               | 14            | 40           | 31            | 14             | -              | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | 1               | 15            | 41           | 29            | 13             | -              | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | 1               | 15            | 40           | 31            | 13             | -              | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | 1               | 17            | 38           | 32            | 12             | -              | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | 1               | 18            | 39           | 31            | 11             | -              | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | 1               | 20            | 37           | 31            | 10             | -              | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | 2               | 17            | 37           | 31            | 13             | -              | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | -               | 12            | 35           | 35            | 17             | 1              | -              | -              | -              | -  |
| MEAN                                                                                            | 0)                 | 0)               | 1)              | 10)           | 32)          | 34)           | 20)            | 2)             | 0)             | 0)             | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | 8               | 41            | 37           | 13            | 2              | -              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | 3               | 34            | 42           | 18            | 3              | -              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | 3               | 28            | 43           | 23            | 3              | -              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | 3               | 25            | 45           | 24            | 4              | -              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | 2               | 25            | 43           | 25            | 5              | -              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | 2               | 31            | 40           | 23            | 4              | -              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | 3               | 32            | 41           | 21            | 3              | -              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | 4               | 37            | 39           | 18            | 2              | -              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | 5               | 41            | 39           | 14            | 2              | -              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | 6               | 44            | 36           | 12            | 2              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | 10              | 43            | 33           | 12            | 1              | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | 1                | 12              | 43            | 31           | 14            | 1              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | 2                | 13              | 44            | 30           | 11            | 1              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | 1                | 15              | 43            | 32           | 8             | 1              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | 2                | 15              | 43            | 32           | 7             | 1              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | 1                | 17              | 43            | 30           | 7             | 1              | -              | -              | -              | -              | -  |
| 16                                                                                           | -               | 2                | 15              | 41            | 35           | 5             | 1              | -              | -              | -              | -              | -  |
| 17                                                                                           | -               | 1                | 19              | 42            | 30           | 7             | 1              | -              | -              | -              | -              | -  |
| 18                                                                                           | -               | 2                | 17              | 41            | 33           | 6             | 1              | -              | -              | -              | -              | -  |
| 19                                                                                           | -               | 1                | 16              | 44            | 33           | 5             | 1              | -              | -              | -              | -              | -  |
| 20                                                                                           | -               | 1                | 21              | 37            | 34           | 5             | 1              | -              | -              | -              | -              | -  |
| 21                                                                                           | -               | 1                | 19              | 39            | 34           | 5             | 2              | -              | -              | -              | -              | -  |
| 22                                                                                           | -               | 1                | 22              | 39            | 32           | 4             | 2              | -              | -              | -              | -              | -  |
| 23                                                                                           | -               | 1                | 15              | 44            | 32           | 6             | 2              | -              | -              | -              | -              | -  |
| MEAN                                                                                         | -               | 1                | 11              | 38            | 36           | 12            | 2              | -              | -              | -              | -              | -  |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: HAKODATE AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE<br>IN SPECIFIED RANGES OF 5 AT SPECIFIED TIMES |                 |                  |                 |               |              |               |                |                |                |                |                |    |
|----------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|---------------|--------------|---------------|----------------|----------------|----------------|----------------|----------------|----|
| TIME<br>(UTC)                                                                                | TEMPERATURE ( ) |                  |                 |               |              |               |                |                |                |                |                |    |
|                                                                                              | <-15            | -15<br>to<br>-10 | -10<br>to<br>-5 | -5<br>to<br>0 | 0<br>to<br>5 | 5<br>to<br>10 | 10<br>to<br>15 | 15<br>to<br>20 | 20<br>to<br>25 | 25<br>to<br>30 | 30<br>to<br>35 | 35 |
| 00                                                                                           | -               | -                | 5               | 14            | 14           | 14            | 17             | 17             | 16             | 3              | -              | -  |
| 01                                                                                           | -               | -                | 3               | 13            | 15           | 14            | 17             | 17             | 17             | 4              | -              | -  |
| 02                                                                                           | -               | -                | 2               | 12            | 16           | 13            | 17             | 19             | 16             | 5              | -              | -  |
| 03                                                                                           | -               | -                | 2               | 11            | 16           | 13            | 16             | 19             | 17             | 6              | -              | -  |
| 04                                                                                           | -               | -                | 2               | 11            | 16           | 13            | 16             | 19             | 17             | 6              | 0              | -  |
| 05                                                                                           | -               | -                | 2               | 11            | 16           | 13            | 16             | 19             | 17             | 6              | 0              | -  |
| 06                                                                                           | -               | -                | 2               | 12            | 15           | 13            | 16             | 19             | 17             | 6              | 0              | -  |
| 07                                                                                           | -               | -                | 3               | 13            | 15           | 14            | 16             | 18             | 16             | 5              | 0              | -  |
| 08                                                                                           | -               | -                | 4               | 14            | 15           | 14            | 16             | 18             | 15             | 4              | -              | -  |
| 09                                                                                           | -               | 0                | 5               | 15            | 15           | 15            | 16             | 18             | 14             | 2              | -              | -  |
| 10                                                                                           | -               | 0                | 6               | 15            | 15           | 15            | 16             | 18             | 13             | 1              | -              | -  |
| 11                                                                                           | -               | 0                | 7               | 15            | 16           | 16            | 17             | 17             | 12             | 1              | -              | -  |
| 12                                                                                           | 0)              | 1)               | 7)              | 15)           | 16)          | 16)           | 17)            | 18)            | 11)            | 0)             | 0)             | 0) |
| 13                                                                                           | 0)              | 1)               | 7)              | 16)           | 16)          | 16)           | 17)            | 17)            | 10)            | 0)             | 0)             | 0) |
| 14                                                                                           | 0)              | 1)               | 8)              | 16)           | 17)          | 16)           | 16)            | 17)            | 10)            | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 2)               | 8)              | 16)           | 17)          | 16)           | 16)            | 16)            | 9)             | 0)             | 0)             | 0) |
| 16                                                                                           | 0)              | 2)               | 8)              | 16)           | 17)          | 16)           | 16)            | 16)            | 9)             | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 2)               | 8)              | 16)           | 17)          | 16)           | 16)            | 16)            | 9)             | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 2)               | 8)              | 16)           | 17)          | 17)           | 16)            | 15)            | 9)             | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 2)               | 9)              | 16)           | 17)          | 16)           | 16)            | 15)            | 8)             | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 2)               | 9)              | 16)           | 18)          | 15)           | 16)            | 16)            | 8)             | 0)             | 0)             | 0) |
| 21                                                                                           | 0               | 2                | 9               | 15            | 17           | 14            | 17             | 16             | 10             | 0              | -              | -  |
| 22                                                                                           | -               | 1                | 10              | 14            | 15           | 14            | 16             | 17             | 12             | 1              | -              | -  |
| 23                                                                                           | -               | 0                | 8               | 14            | 13           | 15            | 16             | 18             | 14             | 2              | -              | -  |
| MEAN                                                                                         | 0)              | 1)               | 6)              | 14)           | 16)          | 15)           | 16)            | 17)            | 13)            | 2)             | 0)             | 0) |

NOTE: THE RANGE 5 to 10 COMPRISES THE VALUES 5.0 TO 9.9 INCLUSIVE

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| MONTHLY MEAN                           |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                        | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
| Daily mean air temperature(°C)         | -3.4  | -2.5  | 1.8   | 6.8   | 11.7  | 15.3  | 19.8  | 22.4  | 19.0  | 11.9  | 6.0   | 0.1   | 9.1   |
| Daily maximum air temperature(°C)      | 0.3   | 1.3   | 5.7   | 11.5  | 16.2  | 18.9  | 23.1  | 25.8  | 23.3  | 16.7  | 10.1  | 3.7   | 13.1  |
| Daily minimum air temperature(°C)      | -8.6  | -7.5  | -3.1  | 1.5   | 6.9   | 12.1  | 16.9  | 19.1  | 15.0  | 6.2   | 1.2   | -4.3  | 4.6   |
| MONTHLY TOTAL                          |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                        | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
| Precipitation (mm)                     | 28.7  | 25.3  | 54.2  | 67.6  | 69.9  | 72.1  | 74.0  | 163.9 | 137.8 | 104.7 | 114.7 | 62.7  | 975.6 |
| Snow fall(cm)                          | 63    | 67    | 51    | 1     | 0     | -     | -     | -     | -     | 0     | 14    | 58    | 254   |
| EXTREMES                               |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                                        | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN   |
| Daily minimum air pressure(hPa)        | 986.4 | 979.5 | 979.7 | 963.1 | 985.7 | 983.7 | 988.2 | 975.2 | 990.1 | 975.9 | 985.1 | 980.1 | 963.1 |
| Daily maximum air temperature(°C)      | 8.7   | 10.6  | 13.8  | 20.9  | 23.7  | 25.5  | 28.4* | 31.6  | 31.2  | 24.1  | 18.2  | 13.8  | 31.6  |
| Daily minimum air temperature(°C)      | -18.2 | -17.5 | -14.2 | -5.9  | -0.7  | 4.6   | 9.2   | 11.9  | 4.5   | -2.9  | -9.5  | -15.0 | -18.2 |
| Daily precipitation(mm)                | 16.0  | 10.5  | 54.0  | 44.0  | 34.5  | 38.0  | 42.0  | 98.5  | 54.5  | 54.0  | 40.0  | 51.5  | 98.5  |
| Daily max.one-hour precipitation(mm)   | 5.5   | 5.0   | 8.5   | 10.5  | 14.0  | 14.5  | 13.0  | 44.0  | 42.5  | 23.0  | 19.0  | 9.5   | 44.0  |
| Daily max.ten-minute precipitation(mm) | 1.5*  | 1.0*  | 2.0   | 2.5   | 6.0   | 5.0*  | 6.0   | 13.0  | 18.5  | 8.5   | 7.5*  | 6.0   | 18.5  |
| Daily totals of snowfall(cm)           | 15    | 17    | 21    | 3     | 0 *   | -     | -     | -     | -     | 0 *   | 13    | 13    | 21    |
| Daily maximum of snow cover(cm)        | 29    | 45    | 30    | 0 *   | 0 *   | -     | -     | -     | -     | 0 *   | 13 *  | 19    | 45    |
| Daily maximum wind speed(kt)           | 31    | 33    | 36    | 37 *  | 33    | 31    | 24    | 48    | 27    | 36    | 34    | 40    | 48    |
| with wind direction(36DIR.)            | 24    | 22    | 26    | 23    | 9     | 11    | 22    | 12    | 10    | 25    | 26    | 22    | 12    |
| Daily maximum peak gust(kt)            | 44    | 49    | 52    | 55    | 52    | 42    | 33    | 71    | 38    | 50    | 51    | 52    | 71    |
| with wind direction(36DIR.)            | 27    | 21    | 27    | 9     | 8     | 10    | 22    | 7     | 10    | 25    | 27    | 23    | 7     |

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

[illegible]

AERODROME: HAKODATE AIRPORT

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## AIR PRESSURE(hPa) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 00            | 1010.9 | 1011.8 | 1010.0 | 1009.2 | 1006.7 | 1005.8 | 1005.1 | 1005.3 | 1010.3 | 1012.3 | 1012.2 | 1009.7 | 1009.1 |
| 01            | 1010.9 | 1011.7 | 1009.9 | 1009.1 | 1006.6 | 1005.7 | 1005.1 | 1005.3 | 1010.2 | 1012.0 | 1012.1 | 1009.6 | 1009.0 |
| 02            | 1010.4 | 1011.4 | 1009.6 | 1008.8 | 1006.4 | 1005.6 | 1004.9 | 1005.1 | 1009.8 | 1011.7 | 1011.7 | 1009.0 | 1008.7 |
| 03            | 1009.7 | 1010.8 | 1009.2 | 1008.5 | 1006.1 | 1005.3 | 1004.6 | 1004.9 | 1009.5 | 1011.2 | 1011.1 | 1008.3 | 1008.3 |
| 04            | 1009.3 | 1010.4 | 1008.7 | 1008.2 | 1005.8 | 1005.1 | 1004.4 | 1004.7 | 1009.1 | 1010.8 | 1010.8 | 1007.9 | 1008.0 |
| 05            | 1009.4 | 1010.2 | 1008.6 | 1007.9 | 1005.6 | 1004.9 | 1004.2 | 1004.4 | 1008.9 | 1010.7 | 1010.8 | 1007.9 | 1007.8 |
| 06            | 1009.7 | 1010.4 | 1008.6 | 1007.7 | 1005.4 | 1004.8 | 1004.0 | 1004.3 | 1008.9 | 1010.9 | 1011.0 | 1008.2 | 1007.8 |
| 07            | 1010.0 | 1010.6 | 1008.7 | 1007.8 | 1005.4 | 1004.8 | 1004.0 | 1004.3 | 1009.0 | 1011.0 | 1011.2 | 1008.5 | 1007.9 |
| 08            | 1010.3 | 1010.9 | 1008.9 | 1007.9 | 1005.4 | 1004.8 | 1004.0 | 1004.4 | 1009.2 | 1011.2 | 1011.5 | 1008.8 | 1008.1 |
| 09            | 1010.6 | 1011.2 | 1009.3 | 1008.1 | 1005.6 | 1005.0 | 1004.2 | 1004.6 | 1009.4 | 1011.6 | 1011.8 | 1009.0 | 1008.4 |
| 10            | 1010.8 | 1011.4 | 1009.7 | 1008.6 | 1006.0 | 1005.3 | 1004.4 | 1004.9 | 1010.0 | 1011.7 | 1011.9 | 1009.2 | 1008.7 |
| 11            | 1010.8 | 1011.6 | 1009.9 | 1009.0 | 1006.4 | 1005.6 | 1004.8 | 1005.4 | 1010.3 | 1011.9 | 1011.9 | 1009.2 | 1008.9 |
| 12            | 1010.9 | 1011.7 | 1010.1 | 1009.2 | 1006.6 | 1005.9 | 1005.1 | 1005.4 | 1010.3 | 1012.0 | 1012.0 | 1009.3 | 1009.1 |
| 13            | 1010.8 | 1011.7 | 1010.1 | 1009.2 | 1006.5 | 1005.9 | 1005.0 | 1005.3 | 1010.4 | 1012.0 | 1011.9 | 1009.3 | 1009.0 |
| 14            | 1010.7 | 1011.6 | 1010.1 | 1009.2 | 1006.5 | 1005.8 | 1004.9 | 1005.3 | 1010.2 | 1011.8 | 1011.7 | 1009.2 | 1008.9 |
| 15            | 1010.5 | 1011.5 | 1010.0 | 1009.1 | 1006.3 | 1005.6 | 1004.7 | 1005.1 | 1010.1 | 1011.7 | 1011.6 | 1009.1 | 1008.8 |
| 16            | 1010.1 | 1011.4 | 1010.1 | 1008.9 | 1006.2 | 1005.4 | 1004.6 | 1004.8 | 1009.8 | 1011.6 | 1011.6 | 1009.2 | 1008.6 |
| 17            | 1010.2 | 1011.4 | 1009.8 | 1008.8 | 1006.1 | 1005.3 | 1004.4 | 1004.6 | 1009.7 | 1011.4 | 1011.7 | 1009.4 | 1008.6 |
| 18            | 1010.1 | 1011.1 | 1009.6 | 1008.7 | 1006.2 | 1005.3 | 1004.4 | 1004.6 | 1009.7 | 1011.4 | 1011.6 | 1009.2 | 1008.5 |
| 19            | 1009.9 | 1011.2 | 1009.6 | 1008.7 | 1006.2 | 1005.4 | 1004.6 | 1004.6 | 1009.7 | 1011.5 | 1011.6 | 1009.1 | 1008.5 |
| 20            | 1010.0 | 1011.2 | 1009.7 | 1008.8 | 1006.4 | 1005.6 | 1004.8 | 1004.9 | 1009.9 | 1011.6 | 1011.6 | 1009.1 | 1008.7 |
| 21            | 1010.2 | 1011.2 | 1009.8 | 1009.1 | 1006.6 | 1005.7 | 1005.0 | 1005.1 | 1010.1 | 1011.8 | 1011.7 | 1009.3 | 1008.8 |
| 22            | 1010.4 | 1011.6 | 1009.9 | 1009.2 | 1006.7 | 1005.9 | 1005.1 | 1005.3 | 1010.2 | 1012.1 | 1012.0 | 1009.5 | 1009.0 |
| 23            | 1010.7 | 1011.8 | 1010.0 | 1009.1 | 1006.7 | 1005.9 | 1005.2 | 1005.3 | 1010.2 | 1012.3 | 1012.3 | 1009.6 | 1009.1 |
| MEAN          | 1010.3 | 1011.3 | 1009.6 | 1008.7 | 1006.2 | 1005.4 | 1004.6 | 1004.9 | 1009.8 | 1011.6 | 1011.6 | 1009.0 | 1008.6 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## AIR TEMPERATURE( ) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN  | FEB  | MAR  | APR | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV | DEC  | ANN  |
|---------------|------|------|------|-----|------|------|------|------|------|------|-----|------|------|
| 00            | -3.2 | -1.9 | 2.9  | 8.3 | 12.9 | 16.1 | 20.4 | 23.3 | 20.9 | 13.8 | 6.9 | 0.5  | 10.1 |
| 01            | -1.9 | -0.9 | 3.5  | 9.0 | 13.4 | 16.5 | 20.8 | 23.8 | 21.5 | 14.5 | 7.8 | 1.5  | 10.8 |
| 02            | -1.3 | -0.3 | 3.9  | 9.4 | 13.9 | 16.8 | 21.2 | 24.2 | 21.8 | 15.0 | 8.3 | 2.1  | 11.3 |
| 03            | -1.0 | -0.1 | 4.2  | 9.8 | 14.2 | 17.0 | 21.5 | 24.5 | 22.1 | 15.3 | 8.7 | 2.4  | 11.5 |
| 04            | -1.0 | 0.0  | 4.4  | 9.8 | 14.5 | 17.3 | 21.7 | 24.6 | 22.2 | 15.4 | 8.6 | 2.4  | 11.6 |
| 05            | -1.1 | -0.1 | 4.3  | 9.8 | 14.5 | 17.4 | 21.7 | 24.6 | 22.1 | 15.2 | 8.4 | 2.2  | 11.6 |
| 06            | -1.4 | -0.4 | 4.0  | 9.7 | 14.4 | 17.2 | 21.6 | 24.5 | 21.8 | 14.9 | 8.1 | 1.8  | 11.4 |
| 07            | -2.0 | -0.8 | 3.7  | 9.4 | 14.0 | 17.1 | 21.4 | 24.2 | 21.4 | 14.3 | 7.4 | 1.1  | 10.9 |
| 08            | -2.6 | -1.5 | 3.1  | 8.7 | 13.4 | 16.7 | 21.0 | 23.7 | 20.7 | 13.2 | 6.7 | 0.7  | 10.3 |
| 09            | -3.0 | -2.0 | 2.4  | 7.8 | 12.7 | 16.2 | 20.6 | 22.9 | 19.6 | 12.2 | 6.2 | 0.2  | 9.6  |
| 10            | -3.4 | -2.5 | 2.0  | 7.0 | 11.9 | 15.4 | 19.9 | 22.2 | 18.8 | 11.4 | 5.7 | 0.0  | 9.0  |
| 11            | -3.7 | -2.8 | 1.5  | 6.4 | 11.3 | 14.8 | 19.5 | 21.6 | 18.2 | 10.8 | 5.4 | -0.4 | 8.6  |
| 12            | -4.1 | -3.1 | 1.2  | 5.8 | 10.9 | 14.5 | 19.2 | 21.3 | 17.7 | 10.3 | 5.0 | -0.7 | 8.2  |
| 13            | -4.4 | -3.4 | 0.8  | 5.4 | 10.5 | 14.2 | 19.0 | 21.0 | 17.3 | 10.1 | 4.9 | -0.7 | 7.9  |
| 14            | -4.6 | -3.7 | 0.4  | 5.0 | 10.1 | 14.0 | 18.7 | 20.8 | 17.0 | 9.8  | 4.7 | -1.0 | 7.6  |
| 15            | -4.8 | -3.9 | 0.3  | 4.7 | 9.7  | 13.8 | 18.5 | 20.6 | 16.8 | 9.6  | 4.5 | -1.0 | 7.4  |
| 16            | -4.9 | -4.2 | 0.0  | 4.2 | 9.3  | 13.5 | 18.1 | 20.6 | 16.8 | 9.7  | 4.6 | -0.9 | 7.2  |
| 17            | -5.0 | -4.2 | -0.2 | 3.9 | 8.9  | 13.4 | 18.0 | 20.5 | 16.7 | 9.5  | 4.5 | -1.1 | 7.1  |
| 18            | -4.9 | -4.3 | -0.3 | 3.8 | 8.7  | 13.2 | 17.9 | 20.5 | 16.6 | 9.3  | 4.4 | -1.2 | 7.0  |
| 19            | -4.9 | -4.4 | -0.5 | 3.6 | 8.7  | 13.1 | 17.8 | 20.4 | 16.5 | 9.1  | 4.2 | -1.2 | 6.9  |
| 20            | -5.0 | -4.4 | -0.6 | 3.4 | 9.0  | 13.4 | 18.0 | 20.4 | 16.3 | 9.0  | 4.2 | -1.3 | 6.8  |
| 21            | -5.0 | -4.5 | -0.7 | 4.3 | 10.3 | 14.3 | 18.7 | 20.9 | 16.6 | 9.1  | 4.1 | -1.3 | 7.2  |
| 22            | -5.0 | -4.4 | 0.3  | 6.3 | 11.5 | 15.1 | 19.4 | 22.0 | 18.2 | 10.2 | 4.3 | -1.2 | 8.1  |
| 23            | -4.5 | -3.4 | 1.8  | 7.5 | 12.4 | 15.6 | 19.9 | 22.8 | 20.0 | 12.2 | 5.5 | -0.6 | 9.1  |
| MEAN          | -3.4 | -2.5 | 1.8  | 6.8 | 11.7 | 15.3 | 19.8 | 22.3 | 19.1 | 11.8 | 6.0 | 0.1  | 9.1  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## VAPOR PRESSURE(hPa) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN | FEB | MAR | APR | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV | DEC | ANN  |
|---------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 00            | 3.8 | 4.0 | 5.4 | 7.1 | 11.3 | 15.1 | 20.4 | 23.3 | 19.0 | 11.0 | 7.6 | 5.0 | 11.1 |
| 01            | 3.8 | 4.1 | 5.4 | 7.1 | 11.4 | 15.4 | 20.6 | 23.4 | 18.8 | 10.7 | 7.6 | 5.1 | 11.1 |
| 02            | 3.7 | 4.0 | 5.4 | 7.3 | 11.6 | 15.5 | 20.7 | 23.5 | 18.8 | 10.7 | 7.4 | 5.0 | 11.1 |
| 03            | 3.8 | 4.0 | 5.4 | 7.3 | 11.6 | 15.5 | 20.9 | 23.5 | 18.9 | 10.6 | 7.3 | 5.0 | 11.1 |
| 04            | 3.8 | 3.9 | 5.4 | 7.3 | 11.5 | 15.5 | 21.0 | 23.5 | 18.7 | 10.6 | 7.3 | 4.9 | 11.1 |
| 05            | 3.7 | 4.0 | 5.4 | 7.3 | 11.5 | 15.5 | 21.0 | 23.3 | 18.6 | 10.4 | 7.3 | 4.8 | 11.1 |
| 06            | 3.7 | 3.9 | 5.5 | 7.3 | 11.3 | 15.3 | 20.9 | 23.2 | 18.5 | 10.4 | 7.3 | 4.7 | 11.0 |
| 07            | 3.7 | 3.9 | 5.4 | 7.2 | 11.2 | 15.2 | 20.6 | 23.0 | 18.4 | 10.3 | 7.3 | 4.7 | 10.9 |
| 08            | 3.6 | 3.8 | 5.3 | 7.1 | 11.2 | 14.9 | 20.3 | 22.7 | 18.1 | 10.3 | 7.2 | 4.7 | 10.8 |
| 09            | 3.6 | 3.8 | 5.3 | 7.0 | 11.0 | 14.8 | 20.1 | 22.3 | 18.0 | 10.4 | 7.2 | 4.6 | 10.7 |
| 10            | 3.5 | 3.7 | 5.2 | 7.0 | 10.8 | 14.4 | 19.9 | 22.2 | 18.1 | 10.3 | 7.1 | 4.6 | 10.6 |
| 11            | 3.5 | 3.7 | 5.2 | 7.0 | 10.8 | 14.3 | 19.8 | 22.1 | 18.0 | 10.2 | 7.1 | 4.5 | 10.5 |
| 12            | 3.5 | 3.7 | 5.1 | 6.9 | 10.7 | 14.2 | 19.8 | 22.0 | 17.7 | 10.2 | 7.0 | 4.4 | 10.5 |
| 13            | 3.5 | 3.7 | 5.0 | 6.8 | 10.6 | 14.2 | 19.7 | 21.9 | 17.4 | 10.1 | 7.0 | 4.4 | 10.4 |
| 14            | 3.5 | 3.6 | 5.0 | 6.7 | 10.5 | 14.1 | 19.6 | 21.7 | 17.3 | 10.0 | 6.9 | 4.4 | 10.3 |
| 15            | 3.5 | 3.6 | 4.9 | 6.7 | 10.4 | 14.0 | 19.5 | 21.6 | 17.2 | 9.9  | 6.9 | 4.4 | 10.2 |
| 16            | 3.5 | 3.6 | 4.8 | 6.5 | 10.2 | 13.8 | 19.1 | 21.7 | 17.3 | 10.1 | 6.9 | 4.4 | 10.2 |
| 17            | 3.5 | 3.6 | 4.8 | 6.4 | 10.1 | 13.8 | 19.0 | 21.6 | 17.2 | 10.0 | 6.9 | 4.4 | 10.1 |
| 18            | 3.5 | 3.6 | 4.8 | 6.4 | 10.0 | 13.7 | 19.0 | 21.6 | 17.2 | 10.0 | 6.9 | 4.4 | 10.1 |
| 19            | 3.4 | 3.6 | 4.7 | 6.3 | 10.0 | 13.7 | 18.9 | 21.5 | 17.1 | 9.8  | 6.9 | 4.4 | 10.0 |
| 20            | 3.4 | 3.5 | 4.7 | 6.3 | 10.3 | 14.0 | 19.2 | 21.6 | 17.1 | 9.9  | 6.9 | 4.4 | 10.1 |
| 21            | 3.4 | 3.5 | 4.8 | 6.8 | 11.0 | 14.8 | 19.9 | 22.3 | 17.5 | 9.9  | 6.8 | 4.5 | 10.4 |
| 22            | 3.4 | 3.6 | 5.0 | 7.3 | 11.4 | 15.0 | 20.1 | 23.1 | 18.4 | 10.4 | 7.0 | 4.5 | 10.8 |
| 23            | 3.6 | 3.8 | 5.3 | 7.2 | 11.2 | 15.0 | 20.3 | 23.2 | 19.1 | 11.0 | 7.3 | 4.8 | 11.0 |
| MEAN          | 3.6 | 3.8 | 5.1 | 6.9 | 10.9 | 14.6 | 20.0 | 22.5 | 18.0 | 10.3 | 7.1 | 4.6 | 10.6 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## RELATIVE HUMIDITY (%) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 00            | 76  | 74  | 70  | 64  | 76  | 83  | 85  | 81  | 76  | 68  | 73  | 76  | 75  |
| 01            | 71  | 69  | 67  | 62  | 74  | 82  | 83  | 79  | 72  | 63  | 68  | 72  | 72  |
| 02            | 66  | 65  | 65  | 61  | 73  | 81  | 82  | 77  | 71  | 61  | 65  | 68  | 70  |
| 03            | 66  | 64  | 64  | 60  | 72  | 80  | 81  | 76  | 70  | 60  | 63  | 66  | 68  |
| 04            | 65  | 63  | 63  | 60  | 71  | 79  | 80  | 76  | 70  | 59  | 63  | 65  | 68  |
| 05            | 65  | 64  | 64  | 60  | 70  | 78  | 80  | 75  | 69  | 59  | 64  | 65  | 68  |
| 06            | 66  | 65  | 66  | 60  | 70  | 78  | 81  | 75  | 70  | 60  | 64  | 65  | 68  |
| 07            | 68  | 66  | 66  | 60  | 71  | 78  | 81  | 76  | 71  | 61  | 67  | 69  | 70  |
| 08            | 70  | 68  | 68  | 62  | 73  | 79  | 81  | 77  | 73  | 66  | 69  | 70  | 71  |
| 09            | 71  | 70  | 70  | 65  | 76  | 80  | 83  | 79  | 78  | 70  | 71  | 72  | 74  |
| 10            | 73  | 71  | 72  | 67  | 78  | 82  | 85  | 82  | 82  | 73  | 73  | 73  | 76  |
| 11            | 74  | 72  | 73  | 70  | 80  | 84  | 87  | 84  | 84  | 75  | 74  | 73  | 78  |
| 12            | 75  | 73  | 74  | 73  | 81  | 86  | 88  | 86  | 86  | 77  | 76  | 73  | 79  |
| 13            | 76  | 75  | 75  | 74  | 83  | 87  | 89  | 87  | 86  | 78  | 77  | 74  | 80  |
| 14            | 77  | 76  | 76  | 75  | 84  | 88  | 90  | 88  | 87  | 79  | 77  | 75  | 81  |
| 15            | 78  | 76  | 76  | 76  | 85  | 88  | 91  | 88  | 88  | 79  | 78  | 75  | 81  |
| 16            | 79  | 76  | 76  | 76  | 85  | 88  | 91  | 88  | 88  | 80  | 78  | 75  | 81  |
| 17            | 79  | 77  | 76  | 77  | 87  | 89  | 91  | 89  | 89  | 81  | 78  | 75  | 82  |
| 18            | 78  | 77  | 77  | 77  | 87  | 89  | 91  | 89  | 89  | 81  | 78  | 76  | 82  |
| 19            | 78  | 77  | 77  | 78  | 88  | 90  | 91  | 89  | 89  | 82  | 79  | 76  | 83  |
| 20            | 78  | 78  | 77  | 79  | 88  | 91  | 92  | 89  | 89  | 82  | 79  | 76  | 83  |
| 21            | 79  | 78  | 78  | 80  | 87  | 90  | 91  | 89  | 90  | 82  | 79  | 77  | 83  |
| 22            | 79  | 78  | 78  | 75  | 83  | 87  | 88  | 87  | 87  | 81  | 80  | 77  | 81  |
| 23            | 80  | 77  | 75  | 68  | 78  | 84  | 86  | 83  | 81  | 75  | 77  | 78  | 79  |
| MEAN          | 74  | 72  | 72  | 69  | 79  | 84  | 86  | 83  | 81  | 72  | 73  | 72  | 76  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## MOST FREQUENT WIND DIRECTION(36 DIR.) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN | FEB  | MAR  | APR  | MAY  | JUN  | JUL | AUG  | SEP | OCT  | NOV | DEC  | ANN |
|---------------|-----|------|------|------|------|------|-----|------|-----|------|-----|------|-----|
| 00            | 31  | 30   | 27   | 22   | 17   | 17   | 16  | 23   | 6   | 29   | 30  | 30   | 30  |
| 01            | 29  | 29   | 25   | 22   | 22   | 17   | 14  | 17   | 12  | 29   | 28  | 30   | 29  |
| 02            | 30  | 30   | 23   | 22   | 22   | 16 * | 14  | 16   | 12  | 29 * | 27  | 30   | 30  |
| 03            | 30  | 28   | 28   | 28   | 22   | 14   | 14  | 14   | 12  | 27   | 28  | 29   | 28  |
| 04            | 29  | 28   | 29   | 22   | 14   | 14   | 14  | 14   | 12  | 29   | 29  | 30   | 29  |
| 05            | 30  | 30   | 28 * | 14   | 23   | 14   | 14  | 14   | 12  | 28   | 30  | 29 * | 28  |
| 06            | 30  | 29 * | 23   | 23   | 22   | 14   | 14  | 14   | 23  | 29   | 28  | 30   | 28  |
| 07            | 29  | 28   | 29   | 27   | 22 * | 14   | 14  | 14   | 13  | 28   | 30  | 30   | 28  |
| 08            | 30  | 29   | 28   | 28   | 22   | 14   | 14  | 14 * | 10  | 30   | 30  | 31   | 28  |
| 09            | 31  | 30   | 28   | 27   | 14   | 14   | 14  | 13   | 10  | 30   | 32  | 29 * | 30  |
| 10            | 31  | 31   | 28   | 6    | 6    | 11   | 9   | 10   | 2   | 2    | 2   | 28   | 31  |
| 11            | 30  | 2    | 31   | 32   | 6    | 8    | 7   | 6    | 2   | 2    | 2 * | 2    | 2   |
| 12            | 2   | 2    | 30 ) | 28 * | 6    | 8 *  | 2   | 6    | 2   | 2    | 2 ) | 30   | 2 ) |
| 13            | 2   | 2    | 2    | 2    | 7    | 7    | 3   | 2    | 2 ) | 2 )  | 2 ) | 2    | 2 ) |
| 14            | 2   | 2    | 2    | 3    | 4 *  | 7    | 4   | 3    | 2 ) | 2 )  | 3   | 32 * | 2 ) |
| 15            | 1   | 2    | 2    | 2    | 2    | 6    | 2   | 3    | 3 ) | 2 )  | 2   | 31 * | 2 ) |
| 16            | 2   | 2    | 2    | 2    | 2    | 7    | 3   | 2    | 2 ) | 2    | 2   | 2    | 2 ) |
| 17            | 2   | 2 *  | 2    | 2    | 2 *  | 2    | 3   | 3    | 2 ) | 2    | 2   | 2    | 2 ) |
| 18            | 2   | 2    | 2    | 2    | 2    | 8    | 2   | 3    | 2 ) | 2    | 2   | 2    | 2 ) |
| 19            | 2   | 2    | 2    | 2    | 2    | 2    | 6   | 2    | 2 ) | 3    | 2   | 2    | 2 ) |
| 20            | 2   | 2    | 2    | 2    | 3    | 7    | 2   | 2    | 2 ) | 3    | 2   | 2    | 2 ) |
| 21            | 2   | 2    | 2    | 2    | 5    | 7    | 6   | 6    | 2   | 2    | 2   | 2    | 2   |
| 22            | 2   | 2    | 2    | 2    | 25   | 8    | 11  | 7    | 2   | 3    | 2   | 30   | 2   |
| 23            | 2 * | 2    | 30 * | 26   | 24   | 23   | 14  | 7    | 10  | 2    | 2   | 31 * | 2   |
| ALL           | 30  | 30   | 28 ) | 28   | 23   | 7    | 14  | 6    | 2 ) | 2 )  | 2 ) | 30   | 2 ) |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

## WIND SPEED(kt) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN  | FEB  | MAR  | APR  | MAY  | JUN | JUL | AUG  | SEP  | OCT  | NOV  | DEC  | ANN  |
|---------------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|
| 00            | 7.1  | 7.2  | 8.6  | 9.2  | 8.6  | 7.4 | 7.1 | 7.2  | 7.0  | 8.0  | 8.2  | 8.0  | 7.8  |
| 01            | 8.4  | 8.9  | 9.4  | 10.6 | 9.7  | 8.0 | 8.2 | 8.3  | 8.3  | 9.5  | 8.8  | 9.2  | 9.0  |
| 02            | 9.8  | 10.5 | 10.7 | 11.8 | 10.1 | 8.6 | 8.9 | 9.2  | 9.3  | 10.5 | 10.0 | 10.3 | 10.0 |
| 03            | 10.8 | 11.2 | 11.6 | 12.3 | 10.5 | 9.0 | 9.3 | 9.8  | 10.1 | 11.1 | 10.7 | 11.1 | 10.6 |
| 04            | 11.1 | 11.4 | 11.9 | 12.9 | 10.5 | 9.4 | 9.3 | 10.1 | 10.1 | 11.3 | 11.0 | 11.2 | 10.8 |
| 05            | 10.9 | 11.2 | 12.2 | 12.6 | 10.7 | 9.4 | 9.2 | 10.1 | 10.3 | 11.6 | 10.7 | 11.2 | 10.9 |
| 06            | 10.5 | 11.2 | 11.9 | 12.4 | 10.4 | 9.0 | 9.1 | 9.8  | 9.9  | 11.2 | 10.8 | 11.2 | 10.6 |
| 07            | 9.5  | 11.0 | 11.9 | 12.0 | 9.7  | 8.5 | 8.8 | 9.4  | 9.1  | 10.4 | 9.8  | 10.0 | 10.0 |
| 08            | 8.4  | 9.9  | 11.3 | 11.3 | 9.1  | 8.0 | 8.2 | 8.5  | 8.4  | 9.3  | 9.1  | 9.5  | 9.2  |
| 09            | 7.7  | 8.7  | 9.8  | 10.1 | 8.1  | 7.0 | 7.5 | 7.7  | 7.1  | 8.0  | 8.4  | 9.2  | 8.3  |
| 10            | 7.4  | 8.3  | 8.9  | 8.4  | 7.2  | 6.5 | 6.5 | 6.4  | 6.6  | 7.5  | 8.5  | 8.9  | 7.6  |
| 11            | 7.4  | 8.1  | 8.2  | 7.6  | 6.5  | 5.8 | 5.8 | 5.7  | 6.1  | 7.6  | 8.5  | 8.8  | 7.2  |
| 12            | 7.2  | 8.1  | 7.7  | 7.0  | 5.7  | 5.6 | 5.5 | 5.8  | 6.2  | 7.2  | 8.1  | 9.0  | 6.9  |
| 13            | 6.8  | 7.6  | 7.4  | 6.8  | 5.6  | 5.6 | 5.6 | 5.5  | 6.1  | 7.5  | 8.0  | 9.0  | 6.8  |
| 14            | 6.7  | 7.3  | 7.6  | 6.6  | 5.8  | 5.6 | 5.3 | 5.4  | 5.7  | 7.6  | 8.2  | 8.4  | 6.7  |
| 15            | 6.4  | 7.5  | 7.9  | 6.7  | 5.8  | 5.5 | 5.4 | 5.3  | 5.8  | 7.6  | 7.9  | 8.5  | 6.7  |
| 16            | 6.6  | 7.2  | 7.7  | 7.2  | 5.8  | 5.7 | 5.2 | 5.5  | 5.8  | 7.3  | 7.9  | 8.5  | 6.7  |
| 17            | 6.5  | 7.3  | 7.4  | 6.8  | 5.9  | 5.3 | 5.2 | 5.6  | 5.9  | 6.9  | 7.8  | 8.4  | 6.6  |
| 18            | 6.8  | 7.5  | 7.6  | 6.9  | 5.4  | 5.5 | 5.2 | 5.5  | 5.8  | 7.2  | 7.9  | 8.2  | 6.6  |
| 19            | 6.9  | 7.5  | 7.5  | 6.9  | 5.6  | 5.5 | 5.0 | 5.7  | 5.8  | 7.4  | 7.7  | 7.9  | 6.6  |
| 20            | 7.0  | 7.3  | 7.5  | 6.9  | 5.8  | 5.4 | 5.1 | 5.4  | 5.7  | 7.3  | 7.8  | 8.0  | 6.6  |
| 21            | 6.8  | 7.3  | 7.2  | 6.5  | 5.7  | 5.2 | 5.0 | 5.1  | 5.8  | 7.4  | 7.9  | 7.9  | 6.5  |
| 22            | 7.0  | 7.2  | 7.4  | 6.2  | 6.0  | 5.6 | 5.6 | 5.2  | 5.7  | 7.1  | 7.8  | 8.0  | 6.6  |
| 23            | 7.1  | 7.1  | 7.6  | 7.6  | 7.5  | 6.9 | 6.4 | 6.1  | 5.9  | 6.9  | 8.3  | 8.0  | 7.1  |
| MEAN          | 7.9  | 8.6  | 9.1  | 8.9  | 7.6  | 6.8 | 6.8 | 7.0  | 7.2  | 8.5  | 8.8  | 9.1  | 8.0  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| DAILY MEAN,DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE ( ) |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                                            | JAN  |      |      | FEB  |      |      | MAR  |      |      | APR  |      |      |
|                                                                | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. |
| 01                                                             | -2.3 | 1.1  | -6.7 | -3.1 | 0.7  | -8.1 | -0.8 | 3.1  | -5.5 | 4.9  | 9.3  | -0.5 |
| 02                                                             | -2.5 | 0.9  | -6.9 | -3.2 | 0.6  | -8.1 | -0.6 | 3.3  | -5.2 | 5.0  | 9.4  | -0.3 |
| 03                                                             | -2.7 | 0.7  | -7.2 | -3.2 | 0.6  | -8.1 | -0.5 | 3.4  | -5.0 | 5.1  | 9.5  | -0.2 |
| 04                                                             | -2.9 | 0.5  | -7.4 | -3.2 | 0.5  | -8.1 | -0.3 | 3.5  | -4.8 | 5.1  | 9.6  | -0.1 |
| 05                                                             | -3.1 | 0.3  | -7.7 | -3.3 | 0.5  | -8.1 | -0.2 | 3.6  | -4.6 | 5.2  | 9.7  | -0.1 |
| 06                                                             | -3.3 | 0.1  | -7.9 | -3.3 | 0.5  | -8.1 | -0.1 | 3.7  | -4.5 | 5.3  | 9.9  | 0.0  |
| 07                                                             | -3.5 | -0.1 | -8.2 | -3.3 | 0.5  | -8.1 | 0.0  | 3.8  | -4.4 | 5.3  | 10.0 | 0.1  |
| 08                                                             | -3.7 | -0.3 | -8.5 | -3.2 | 0.6  | -8.1 | 0.2  | 3.9  | -4.3 | 5.4  | 10.1 | 0.1  |
| 09                                                             | -3.9 | -0.5 | -8.7 | -3.2 | 0.7  | -8.0 | 0.3  | 4.0  | -4.2 | 5.5  | 10.2 | 0.2  |
| 10                                                             | -4.1 | -0.6 | -9.0 | -3.1 | 0.8  | -7.9 | 0.5  | 4.2  | -4.1 | 5.6  | 10.4 | 0.3  |
| 11                                                             | -4.2 | -0.7 | -9.2 | -3.0 | 0.9  | -7.8 | 0.6  | 4.3  | -4.0 | 5.8  | 10.5 | 0.4  |
| 12                                                             | -4.3 | -0.7 | -9.4 | -2.9 | 1.0  | -7.8 | 0.8  | 4.5  | -3.8 | 5.9  | 10.6 | 0.6  |
| 13                                                             | -4.4 | -0.7 | -9.5 | -2.8 | 1.1  | -7.7 | 1.0  | 4.7  | -3.7 | 6.1  | 10.8 | 0.8  |
| 14                                                             | -4.4 | -0.6 | -9.6 | -2.7 | 1.2  | -7.5 | 1.2  | 4.9  | -3.6 | 6.2  | 10.9 | 0.9  |
| 15                                                             | -4.3 | -0.5 | -9.7 | -2.6 | 1.3  | -7.4 | 1.5  | 5.1  | -3.4 | 6.4  | 11.1 | 1.1  |
| 16                                                             | -4.2 | -0.4 | -9.7 | -2.5 | 1.5  | -7.3 | 1.7  | 5.4  | -3.2 | 6.6  | 11.2 | 1.4  |
| 17                                                             | -4.0 | -0.2 | -9.6 | -2.4 | 1.5  | -7.2 | 1.9  | 5.6  | -3.1 | 6.8  | 11.4 | 1.6  |
| 18                                                             | -3.9 | 0.0  | -9.5 | -2.4 | 1.6  | -7.1 | 2.0  | 5.8  | -2.9 | 7.1  | 11.6 | 1.8  |
| 19                                                             | -3.7 | 0.2  | -9.3 | -2.3 | 1.7  | -7.0 | 2.2  | 6.0  | -2.8 | 7.3  | 11.8 | 2.0  |
| 20                                                             | -3.5 | 0.4  | -9.1 | -2.2 | 1.8  | -6.9 | 2.4  | 6.2  | -2.7 | 7.5  | 12.1 | 2.2  |
| 21                                                             | -3.3 | 0.6  | -8.9 | -2.1 | 1.9  | -6.9 | 2.6  | 6.5  | -2.6 | 7.8  | 12.3 | 2.4  |
| 22                                                             | -3.1 | 0.8  | -8.7 | -2.0 | 2.0  | -6.8 | 2.7  | 6.7  | -2.5 | 8.0  | 12.6 | 2.6  |
| 23                                                             | -3.0 | 0.9  | -8.5 | -1.8 | 2.1  | -6.6 | 2.9  | 7.0  | -2.4 | 8.2  | 12.9 | 2.8  |
| 24                                                             | -2.9 | 1.0  | -8.4 | -1.7 | 2.2  | -6.5 | 3.1  | 7.2  | -2.2 | 8.5  | 13.2 | 3.0  |
| 25                                                             | -2.8 | 1.0  | -8.2 | -1.5 | 2.4  | -6.3 | 3.3  | 7.5  | -2.0 | 8.7  | 13.4 | 3.2  |
| 26                                                             | -2.8 | 1.0  | -8.1 | -1.3 | 2.6  | -6.1 | 3.6  | 7.8  | -1.8 | 8.9  | 13.6 | 3.5  |
| 27                                                             | -2.8 | 1.0  | -8.1 | -1.2 | 2.8  | -5.9 | 3.8  | 8.1  | -1.6 | 9.1  | 13.8 | 3.7  |
| 28                                                             | -2.9 | 1.0  | -8.0 | -1.0 | 2.9  | -5.7 | 4.1  | 8.4  | -1.4 | 9.3  | 14.0 | 3.9  |
| 29                                                             | -2.9 | 0.9  | -8.0 | -0.9 | 3.0  | -5.6 | 4.3  | 8.7  | -1.2 | 9.4  | 14.2 | 4.2  |
| 30                                                             | -3.0 | 0.8  | -8.0 |      |      |      | 4.5  | 8.9  | -0.9 | 9.6  | 14.4 | 4.4  |
| 31                                                             | -3.0 | 0.8  | -8.0 |      |      |      | 4.7  | 9.1  | -0.7 |      |      |      |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| DAILY MEAN,DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE ( ) |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                                            | MAY  |      |      | JUN  |      |      | JUL  |      |      | AUG  |      |      |
|                                                                | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. |
| 01                                                             | 9.7  | 14.5 | 4.6  | 13.9 | 18.3 | 9.4  | 17.2 | 21.1 | 14.0 | 22.5 | 25.5 | 19.7 |
| 02                                                             | 9.9  | 14.6 | 4.8  | 14.0 | 18.3 | 9.6  | 17.4 | 21.3 | 14.2 | 22.6 | 25.6 | 19.7 |
| 03                                                             | 10.0 | 14.7 | 5.0  | 14.1 | 18.3 | 9.8  | 17.6 | 21.5 | 14.4 | 22.6 | 25.8 | 19.7 |
| 04                                                             | 10.1 | 14.8 | 5.2  | 14.2 | 18.3 | 10.0 | 17.8 | 21.6 | 14.6 | 22.7 | 25.8 | 19.7 |
| 05                                                             | 10.3 | 14.8 | 5.3  | 14.3 | 18.3 | 10.3 | 18.0 | 21.8 | 14.8 | 22.7 | 25.9 | 19.6 |
| 06                                                             | 10.4 | 14.9 | 5.5  | 14.4 | 18.3 | 10.5 | 18.2 | 22.0 | 15.0 | 22.7 | 26.0 | 19.6 |
| 07                                                             | 10.5 | 15.0 | 5.6  | 14.5 | 18.3 | 10.8 | 18.4 | 22.2 | 15.1 | 22.7 | 26.0 | 19.5 |
| 08                                                             | 10.6 | 15.0 | 5.7  | 14.6 | 18.3 | 11.1 | 18.6 | 22.3 | 15.3 | 22.6 | 26.1 | 19.5 |
| 09                                                             | 10.7 | 15.1 | 5.9  | 14.7 | 18.3 | 11.4 | 18.8 | 22.5 | 15.5 | 22.6 | 26.1 | 19.5 |
| 10                                                             | 10.8 | 15.2 | 6.0  | 14.8 | 18.3 | 11.7 | 18.9 | 22.6 | 15.6 | 22.6 | 26.1 | 19.4 |
| 11                                                             | 10.9 | 15.2 | 6.1  | 14.9 | 18.4 | 11.9 | 19.1 | 22.7 | 15.8 | 22.6 | 26.1 | 19.4 |
| 12                                                             | 11.0 | 15.3 | 6.3  | 15.1 | 18.4 | 12.2 | 19.2 | 22.8 | 15.9 | 22.6 | 26.1 | 19.4 |
| 13                                                             | 11.1 | 15.4 | 6.4  | 15.2 | 18.5 | 12.4 | 19.3 | 22.8 | 16.1 | 22.6 | 26.0 | 19.5 |
| 14                                                             | 11.2 | 15.5 | 6.5  | 15.3 | 18.6 | 12.6 | 19.4 | 22.9 | 16.2 | 22.6 | 26.0 | 19.5 |
| 15                                                             | 11.3 | 15.7 | 6.6  | 15.4 | 18.6 | 12.7 | 19.4 | 22.9 | 16.4 | 22.7 | 26.0 | 19.5 |
| 16                                                             | 11.5 | 15.9 | 6.8  | 15.5 | 18.7 | 12.8 | 19.5 | 22.9 | 16.5 | 22.7 | 26.0 | 19.5 |
| 17                                                             | 11.6 | 16.0 | 6.9  | 15.6 | 18.8 | 12.9 | 19.6 | 23.0 | 16.7 | 22.6 | 25.9 | 19.5 |
| 18                                                             | 11.8 | 16.2 | 7.0  | 15.7 | 18.9 | 13.0 | 19.7 | 23.0 | 16.9 | 22.6 | 25.9 | 19.5 |
| 19                                                             | 12.0 | 16.4 | 7.2  | 15.7 | 19.0 | 13.0 | 19.8 | 23.1 | 17.1 | 22.6 | 25.8 | 19.4 |
| 20                                                             | 12.2 | 16.6 | 7.3  | 15.8 | 19.1 | 13.0 | 19.9 | 23.2 | 17.3 | 22.5 | 25.8 | 19.3 |
| 21                                                             | 12.3 | 16.8 | 7.5  | 15.9 | 19.2 | 13.0 | 20.1 | 23.3 | 17.5 | 22.4 | 25.7 | 19.2 |
| 22                                                             | 12.5 | 17.0 | 7.6  | 15.9 | 19.3 | 13.0 | 20.3 | 23.5 | 17.8 | 22.3 | 25.6 | 19.1 |
| 23                                                             | 12.7 | 17.2 | 7.8  | 16.0 | 19.5 | 13.0 | 20.6 | 23.7 | 18.0 | 22.1 | 25.5 | 18.9 |
| 24                                                             | 12.9 | 17.4 | 8.0  | 16.1 | 19.6 | 13.1 | 20.8 | 23.9 | 18.3 | 22.0 | 25.4 | 18.8 |
| 25                                                             | 13.0 | 17.6 | 8.2  | 16.2 | 19.8 | 13.1 | 21.1 | 24.1 | 18.6 | 21.9 | 25.3 | 18.6 |
| 26                                                             | 13.2 | 17.7 | 8.4  | 16.3 | 20.0 | 13.2 | 21.3 | 24.3 | 18.8 | 21.8 | 25.2 | 18.5 |
| 27                                                             | 13.3 | 17.9 | 8.6  | 16.5 | 20.2 | 13.3 | 21.6 | 24.5 | 19.1 | 21.6 | 25.2 | 18.3 |
| 28                                                             | 13.5 | 18.0 | 8.7  | 16.7 | 20.4 | 13.5 | 21.8 | 24.8 | 19.3 | 21.5 | 25.1 | 18.2 |
| 29                                                             | 13.6 | 18.1 | 8.9  | 16.8 | 20.7 | 13.6 | 22.0 | 25.0 | 19.4 | 21.4 | 25.0 | 18.1 |
| 30                                                             | 13.7 | 18.2 | 9.1  | 17.0 | 20.9 | 13.8 | 22.2 | 25.2 | 19.5 | 21.4 | 24.9 | 18.1 |
| 31                                                             | 13.8 | 18.3 | 9.2  |      |      |      | 22.4 | 25.3 | 19.6 | 21.3 | 24.9 | 18.0 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: HAKODATE AIRPORT

PERIOD OF RECORD: 2012-2016

LATITUDE: 41° 46.2'N, LONGITUDE: 140° 49.3'E, ELEVATION ABOVE MSL: 112 ft

| DAILY MEAN,DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE ( ) |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                                            | SEP  |      |      | OCT  |      |      | NOV  |      |      | DEC  |      |      |
|                                                                | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. | MEAN | MAX. | MIN. |
| 01                                                             | 21.2 | 24.8 | 18.0 | 15.9 | 20.5 | 11.0 | 8.7  | 13.3 | 3.5  | 2.5  | 6.3  | -1.9 |
| 02                                                             | 21.1 | 24.7 | 17.9 | 15.6 | 20.2 | 10.6 | 8.6  | 13.1 | 3.4  | 2.3  | 6.1  | -2.2 |
| 03                                                             | 21.0 | 24.6 | 17.8 | 15.3 | 19.9 | 10.2 | 8.5  | 13.0 | 3.3  | 2.0  | 5.8  | -2.5 |
| 04                                                             | 20.9 | 24.5 | 17.7 | 15.0 | 19.7 | 9.9  | 8.4  | 12.8 | 3.2  | 1.7  | 5.6  | -2.7 |
| 05                                                             | 20.8 | 24.4 | 17.5 | 14.7 | 19.4 | 9.5  | 8.2  | 12.6 | 3.1  | 1.5  | 5.3  | -3.0 |
| 06                                                             | 20.7 | 24.3 | 17.4 | 14.4 | 19.1 | 9.1  | 8.1  | 12.4 | 3.0  | 1.2  | 5.1  | -3.2 |
| 07                                                             | 20.5 | 24.2 | 17.2 | 14.1 | 18.8 | 8.7  | 7.9  | 12.2 | 2.8  | 1.0  | 4.9  | -3.5 |
| 08                                                             | 20.4 | 24.1 | 17.0 | 13.8 | 18.6 | 8.4  | 7.7  | 11.9 | 2.7  | 0.8  | 4.7  | -3.7 |
| 09                                                             | 20.2 | 24.0 | 16.7 | 13.5 | 18.3 | 8.0  | 7.5  | 11.7 | 2.5  | 0.6  | 4.5  | -3.9 |
| 10                                                             | 20.1 | 23.9 | 16.4 | 13.2 | 18.1 | 7.7  | 7.3  | 11.4 | 2.4  | 0.5  | 4.4  | -4.0 |
| 11                                                             | 19.9 | 23.8 | 16.2 | 12.9 | 17.8 | 7.3  | 7.1  | 11.2 | 2.2  | 0.4  | 4.2  | -4.1 |
| 12                                                             | 19.7 | 23.8 | 15.9 | 12.6 | 17.6 | 7.0  | 6.9  | 11.0 | 2.0  | 0.3  | 4.2  | -4.1 |
| 13                                                             | 19.5 | 23.7 | 15.6 | 12.3 | 17.3 | 6.7  | 6.6  | 10.7 | 1.8  | 0.3  | 4.1  | -4.1 |
| 14                                                             | 19.4 | 23.6 | 15.3 | 12.1 | 17.1 | 6.4  | 6.4  | 10.5 | 1.6  | 0.3  | 4.1  | -4.1 |
| 15                                                             | 19.2 | 23.5 | 15.0 | 11.8 | 16.9 | 6.1  | 6.2  | 10.3 | 1.4  | 0.3  | 4.0  | -4.1 |
| 16                                                             | 19.0 | 23.4 | 14.6 | 11.6 | 16.6 | 5.8  | 5.9  | 10.0 | 1.2  | 0.2  | 3.9  | -4.1 |
| 17                                                             | 18.8 | 23.3 | 14.3 | 11.3 | 16.4 | 5.5  | 5.7  | 9.8  | 1.0  | 0.2  | 3.8  | -4.1 |
| 18                                                             | 18.6 | 23.2 | 14.0 | 11.1 | 16.2 | 5.3  | 5.4  | 9.5  | 0.7  | 0.2  | 3.7  | -4.1 |
| 19                                                             | 18.4 | 23.1 | 13.7 | 10.9 | 15.9 | 5.1  | 5.1  | 9.2  | 0.5  | 0.1  | 3.5  | -4.2 |
| 20                                                             | 18.2 | 22.9 | 13.5 | 10.7 | 15.7 | 4.9  | 4.9  | 9.0  | 0.2  | -0.1 | 3.4  | -4.4 |
| 21                                                             | 18.0 | 22.7 | 13.2 | 10.5 | 15.5 | 4.7  | 4.6  | 8.7  | 0.0  | -0.2 | 3.2  | -4.5 |
| 22                                                             | 17.8 | 22.6 | 13.0 | 10.3 | 15.2 | 4.6  | 4.4  | 8.4  | -0.2 | -0.4 | 2.9  | -4.7 |
| 23                                                             | 17.6 | 22.4 | 12.8 | 10.1 | 15.0 | 4.4  | 4.1  | 8.2  | -0.4 | -0.6 | 2.7  | -4.9 |
| 24                                                             | 17.5 | 22.2 | 12.7 | 10.0 | 14.7 | 4.3  | 3.9  | 7.9  | -0.6 | -0.8 | 2.5  | -5.1 |
| 25                                                             | 17.3 | 22.0 | 12.5 | 9.8  | 14.5 | 4.2  | 3.7  | 7.7  | -0.8 | -1.0 | 2.3  | -5.3 |
| 26                                                             | 17.1 | 21.8 | 12.3 | 9.6  | 14.3 | 4.1  | 3.5  | 7.4  | -1.0 | -1.2 | 2.1  | -5.6 |
| 27                                                             | 16.9 | 21.5 | 12.1 | 9.4  | 14.1 | 4.0  | 3.3  | 7.2  | -1.2 | -1.4 | 1.9  | -5.8 |
| 28                                                             | 16.7 | 21.3 | 11.9 | 9.3  | 13.9 | 3.9  | 3.1  | 7.0  | -1.4 | -1.6 | 1.7  | -6.0 |
| 29                                                             | 16.5 | 21.0 | 11.6 | 9.1  | 13.7 | 3.8  | 2.9  | 6.8  | -1.5 | -1.8 | 1.5  | -6.1 |
| 30                                                             | 16.2 | 20.8 | 11.3 | 9.0  | 13.6 | 3.7  | 2.7  | 6.6  | -1.7 | -1.9 | 1.4  | -6.3 |
| 31                                                             |      |      |      | 8.8  | 13.4 | 3.6  |      |      |      | -2.1 | 1.2  | -6.5 |