

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT      MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                               | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                            | -               | 1    | 2    | 3     | 6     | 6               | 13    | 17    |
| 01                                                                                                                                                                                                                            | -               | -    | -    | 4     | 8     | 6               | 9     | 19    |
| 02                                                                                                                                                                                                                            | -               | -    | 2    | 2     | 9     | 5               | 11    | 16    |
| 03                                                                                                                                                                                                                            | 1               | 1    | 2    | 5     | 8     | 5               | 11    | 19    |
| 04                                                                                                                                                                                                                            | 1               | 1    | 2    | 3     | 11    | 6               | 13    | 19    |
| 05                                                                                                                                                                                                                            | -               | -    | 1    | 3     | 8     | 6               | 14    | 19    |
| 06                                                                                                                                                                                                                            | -               | -    | 2    | 5     | 9     | 6               | 12    | 18    |
| 07                                                                                                                                                                                                                            | -               | -    | -    | 1     | 5     | 6               | 12    | 19    |
| 08                                                                                                                                                                                                                            | -               | -    | -    | -     | 5     | 3               | 11    | 19    |
| 09                                                                                                                                                                                                                            | -               | -    | 1    | 1     | 4     | 3               | 12    | 16    |
| 10                                                                                                                                                                                                                            | -               | -    | 1    | 3     | 5     | 3               | 12    | 18    |
| 11                                                                                                                                                                                                                            | -               | -    | 1    | 2     | 5     | 3               | 15    | 18    |
| 12                                                                                                                                                                                                                            | -               | -    | -    | -     | 5     | 3               | 10    | 15    |
| 13                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                            | 1               | 1    | 1    | 3     | 6     | 6               | 11    | 19    |
| 23                                                                                                                                                                                                                            | -               | -    | 2    | 3     | 7     | 3               | 13    | 18    |
| MEAN                                                                                                                                                                                                                          | 0               | 0    | 1    | 2     | 7     | 5               | 12    | 18    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | 1    | 1    | 4     | 8     | 5               | 8     | 14    |
| 01                                                                                                                                                                                                                              | -               | -    | 1    | 4     | 7     | 3               | 8     | 15    |
| 02                                                                                                                                                                                                                              | -               | -    | -    | 1     | 5     | 1               | 6     | 11    |
| 03                                                                                                                                                                                                                              | -               | -    | -    | 1     | 8     | 3               | 10    | 15    |
| 04                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 6     | 1               | 7     | 13    |
| 05                                                                                                                                                                                                                              | -               | -    | -    | 3     | 6     | 4               | 7     | 13    |
| 06                                                                                                                                                                                                                              | -               | -    | 1    | 4     | 11    | 8               | 11    | 15    |
| 07                                                                                                                                                                                                                              | -               | 1    | 3    | 4     | 5     | 4               | 9     | 13    |
| 08                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 9     | 6               | 9     | 17    |
| 09                                                                                                                                                                                                                              | -               | -    | -    | -     | 5     | 3               | 6     | 13    |
| 10                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 4               | 9     | 13    |
| 11                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 4               | 6     | 16    |
| 12                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 4               | 7     | 14    |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | -    | 2     | 7     | 4               | 8     | 13    |
| 23                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 7     | 5               | 10    | 15    |
| MEAN                                                                                                                                                                                                                            | -               | 0    | 1    | 2     | 6     | 4               | 8     | 14    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 4     | 2               | 5     | 7     |
| 01                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 1     | 1               | 1     | 4     |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 3)    | 2               | 3     | 6     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 2               | 3     | 7     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | 2     | 3     | 2               | 3     | 6     |
| 05                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 3     | 2               | 3     | 6     |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 3)    | 4)    | 2               | 4     | 5     |
| 07                                                                                                                                                                                                                              | 0)              | 0)   | 3)   | 3)    | 4)    | 3               | 3     | 8     |
| 08                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 3     | 1               | 5     | 6     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 3     | 7     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 6     | 10    |
| 11                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 2     | 1               | 3     | 10    |
| 12                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | -               | 5     | 8     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 5     | 3               | 6     | 10    |
| 23                                                                                                                                                                                                                              | -               | -    | -    | 2     | 4     | 3               | 5     | 14    |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 1)   | 2)    | 3)    | 2               | 4     | 8     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 4     | 3               | 4     | 6     |
| 01                                                                                                                                                                                                                              | -               | -    | -    | -     | 2     | -               | 2     | 5     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 3     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 2     | 5     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 3     | 5     |
| 05                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 4     | 6     |
| 06                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 3     | 5     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 5     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 3     | 6     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 5     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | 1     | 5     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | -     | 2     | -               | 3     | 6     |
| 12                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 1               | 5     | 10    |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | -    | 2     | 3     | 2               | 3     | 7     |
| 23                                                                                                                                                                                                                              | -               | -    | -    | 2     | 3     | 2               | 3     | 5     |
| MEAN                                                                                                                                                                                                                            | -               | -    | 0    | 1     | 2     | 1               | 3     | 6     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 3     | 3               | 5     | 6     |
| 01                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 3     | 2               | 3     | 7     |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1               | 2     | 5     |
| 03                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 1)    | 1               | 3     | 6     |
| 04                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1               | 2     | 5     |
| 05                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 3     | 5     |
| 06                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 5     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 2     | 4     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | -     | 2     | -               | 2     | 5     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 2     | 6     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 6     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 7     |
| 12                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 5     | 1               | 5     | 10    |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 5     | 3               | 6     | 10    |
| 23                                                                                                                                                                                                                              | -               | -    | 2    | 3     | 4     | 3               | 5     | 8     |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 1)    | 2)    | 1               | 3     | 6     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1)              | 2)    | 3)    |
| 01                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 0)              | 1)    | 1)    |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 0)              | 1)    | 1)    |
| 03                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 0)              | 1)    | 2)    |
| 04                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 0)    | 0)              | 1)    | 1)    |
| 05                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1)              | 3)    | 3)    |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 3)    | 3)    |
| 07                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 1)    | 1)              | 3)    | 5)    |
| 08                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 3)    | 1)              | 3)    | 5)    |
| 09                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 3)    | 1)              | 3)    | 4)    |
| 10                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 2)    | 0)              | 3)    | 7)    |
| 11                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 3)    | 1)              | 3)    | 3)    |
| 12                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 0)              | 1)    | 3)    |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 1)    | 1)              | 1)    | 4)    |
| 23                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 0)              | 2)    | 5)    |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 0)    | 2)    | 0)              | 2)    | 4)    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 1               | 5     | 8     |
| 01                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 4     | 2               | 3     | 6     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | 1     | 5     | 1               | 6     | 7     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | 1     | 5     | 1               | 5     | 8     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | 2     | 3     | 2               | 3     | 10    |
| 05                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 6)    | 1               | 6     | 9     |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 6)    | 1               | 6     | 8     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | 3     | 6     | 3               | 7     | 12    |
| 08                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 6     | 3               | 6     | 8     |
| 09                                                                                                                                                                                                                              | -               | -    | 1    | 3     | 5     | 3               | 5     | 8     |
| 10                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 3     | 2               | 4     | 9     |
| 11                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 5     | 1               | 5     | 10    |
| 12                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 5     | 1               | 5     | 9     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | 1    | 2     | 5     | 2               | 6     | 13    |
| 23                                                                                                                                                                                                                              | -               | -    | -    | 1     | 4     | 1               | 5     | 8     |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 2)    | 5)    | 2               | 5     | 9     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 01                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 1     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 3     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 2     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 1     |
| 05                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 2     |
| 06                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | 1     | 1     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | 1     | 2     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | -     | 2     | -               | 2     | 3     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 3     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 2     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 2     |
| 12                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 1     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 5     |
| 23                                                                                                                                                                                                                              | -               | -    | -    | -     | 2     | -               | 2     | 4     |
| MEAN                                                                                                                                                                                                                            | -               | -    | -    | 0     | 1     | 0               | 1     | 2     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT      MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                               | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                            | -               | -    | -    | 1     | 1     | 1               | 1     | 2     |
| 01                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 1     | 1     |
| 02                                                                                                                                                                                                                            | -               | -    | -    | 1     | 1     | 1               | 1     | 2     |
| 03                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 1     | 2     |
| 04                                                                                                                                                                                                                            | -               | -    | -    | 1     | 1     | 1               | 1     | 2     |
| 05                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 0)    | 0)    | -               | -     | 1     |
| 06                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 1)    | 1)    | -               | 1     | 1     |
| 07                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 0)    | 0)    | -               | -     | 3     |
| 08                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 1     | 2     |
| 09                                                                                                                                                                                                                            | -               | -    | -    | -     | -     | -               | -     | 1     |
| 10                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 1     | 1     |
| 11                                                                                                                                                                                                                            | -               | -    | -    | -     | -     | -               | -     | 1     |
| 12                                                                                                                                                                                                                            | -               | -    | -    | -     | -     | -               | -     | 1     |
| 13                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                            |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 23                                                                                                                                                                                                                            | -               | -    | -    | -     | 1     | -               | 2     | 4     |
| MEAN                                                                                                                                                                                                                          | 0)              | 0)   | 0)   | 0)    | 1)    | 0               | 1     | 2     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 1     |
| 01                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | 1     | 1     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | -     | 1     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 1     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 1     |
| 05                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 0)    | -               | 1     | 2     |
| 06                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 3     | 3     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 2     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 2     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | -     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | -     |
| 12                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | -     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | 1     | 1     |
| 23                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | -     |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 0)    | 0)    | 0               | 1     | 1     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | -     | 1     |
| 01                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 03                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 3     |
| 04                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 3     |
| 05                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 2     | 2     |
| 06                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | -               | 1     | 2     |
| 07                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 3     |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 2     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 2     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | 3     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 1     | 4     |
| 12                                                                                                                                                                                                                              | -               | -    | -    | -     | 1     | -               | 1     | 3     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | -               | -    | -    | -     | -     | -               | -     | -     |
| 23                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 1     | 1               | 1     | 1     |
| MEAN                                                                                                                                                                                                                            | -               | -    | 0    | 0     | 1     | 0               | 1     | 2     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 2)    | 3)    | 3               | 4     | 9     |
| 01                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 3               | 5     | 5     |
| 02                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 5     | 10    |
| 03                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 3     | 3               | 6     | 13    |
| 04                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 2     | 1               | 3     | 11    |
| 05                                                                                                                                                                                                                              | -               | 1    | 1    | 2     | 2     | 2               | 4     | 8     |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 3)    | 1               | 6     | 11    |
| 07                                                                                                                                                                                                                              | -               | -    | 1    | 1     | 1     | 1               | 5     | 13    |
| 08                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 3     | 6     |
| 09                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 5     | 8     |
| 10                                                                                                                                                                                                                              | -               | -    | -    | 1     | 3     | 1               | 5     | 8     |
| 11                                                                                                                                                                                                                              | -               | -    | -    | 1     | 2     | 1               | 3     | 8     |
| 12                                                                                                                                                                                                                              | -               | -    | -    | 1     | 1     | 1               | 3     | 8     |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 3               | 7     | 14    |
| 23                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 1)    | 1               | 3     | 7     |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 1)    | 2)    | 2               | 5     | 9     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL A

AERODROME: SHONAI AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

NUMBER OF FORWARD SCATTER: RWY09

| 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            | <550 | <800 | <1000 | <1400 | <1500           | <3200 | <5000 |
|                                                                                                                                                                                                                                 | <100            | <200 | <400 | <600  | <1000 | <600            | <1000 | <1500 |
| 00                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 3)    | 2)              | 4)    | 7)    |
| 01                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 3)    | 6)    |
| 02                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 3)    | 6)    |
| 03                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 4)    | 7)    |
| 04                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 3)    | 6)    |
| 05                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 4)    | 6)    |
| 06                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 2)              | 4)    | 6)    |
| 07                                                                                                                                                                                                                              | 0)              | 0)   | 1)   | 1)    | 2)    | 2)              | 4)    | 8)    |
| 08                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 4)    | 7)    |
| 09                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1)              | 3)    | 6)    |
| 10                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1)              | 4)    | 7)    |
| 11                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 2)    | 1)              | 3)    | 7)    |
| 12                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 0)    | 2)    | 1)              | 4)    | 7)    |
| 13                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 14                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 15                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 16                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 17                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 18                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 19                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 20                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 21                                                                                                                                                                                                                              |                 |      |      |       |       |                 |       |       |
| 22                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 2)              | 4)    | 8)    |
| 23                                                                                                                                                                                                                              | 0)              | 0)   | 0)   | 1)    | 3)    | 2)              | 4)    | 7)    |
| MEAN                                                                                                                                                                                                                            | 0)              | 0)   | 0)   | 1)    | 3)    | 1)              | 4)    | 7)    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | 2    | 4    | 5     | 6     | 10    | 12    | 17    |
| 01                                                                                            | -              | 1    | 3    | 3     | 6     | 8     | 9     | 17    |
| 02                                                                                            | 1              | 1    | 2    | 2     | 5     | 8     | 10    | 16    |
| 03                                                                                            | -              | 3    | 3    | 3     | 4     | 7     | 10    | 19    |
| 04                                                                                            | -              | 2    | 4    | 5     | 6     | 10    | 13    | 17    |
| 05                                                                                            | 1              | 1    | 2    | 3     | 6     | 10    | 13    | 17    |
| 06                                                                                            | -              | 1    | 3    | 4     | 6     | 9     | 12    | 17    |
| 07                                                                                            | 1              | 3    | 3    | 4     | 6     | 11    | 12    | 19    |
| 08                                                                                            | -              | 1    | 1    | 2     | 3     | 7     | 11    | 18    |
| 09                                                                                            | 1              | 2    | 3    | 3     | 3     | 6     | 12    | 15    |
| 10                                                                                            | -              | 1    | 1    | 2     | 2     | 7     | 12    | 18    |
| 11                                                                                            | 1              | 1    | 1    | 2     | 3     | 8     | 14    | 17    |
| 12                                                                                            | -              | -    | 1    | 1     | 3     | 4     | 10    | 14    |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | 1              | 4    | 6    | 6     | 6     | 9     | 11    | 17    |
| 23                                                                                            | 1              | 1    | 2    | 3     | 3     | 8     | 13    | 17    |
| MEAN                                                                                          | 0              | 2    | 3    | 3     | 5     | 8     | 12    | 17    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | 1              | 2    | 2    | 4     | 4     | 6     | 7     | 13    |
| 01                                                                                            | 1              | 1    | 2    | 2     | 3     | 6     | 7     | 13    |
| 02                                                                                            | -              | -    | 1    | 1     | 1     | 4     | 6     | 10    |
| 03                                                                                            | -              | 1    | 1    | 1     | 3     | 6     | 8     | 14    |
| 04                                                                                            | -              | 1    | 1    | 1     | 1     | 4     | 6     | 13    |
| 05                                                                                            | -              | -    | 2    | 3     | 3     | 6     | 6     | 12    |
| 06                                                                                            | 1              | 3    | 4    | 6     | 6     | 6     | 9     | 13    |
| 07                                                                                            | 1              | 2    | 3    | 4     | 4     | 6     | 9     | 12    |
| 08                                                                                            | 2              | 3    | 4    | 4     | 6     | 7     | 8     | 13    |
| 09                                                                                            | 1              | 1    | 1    | 1     | 3     | 4     | 5     | 11    |
| 10                                                                                            | 1              | 1    | 2    | 3     | 4     | 4     | 8     | 11    |
| 11                                                                                            | -              | -    | 3    | 3     | 4     | 5     | 6     | 13    |
| 12                                                                                            | -              | -    | -    | 1     | 3     | 5     | 7     | 11    |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 1    | 1     | 4     | 6     | 8     | 11    |
| 23                                                                                            | -              | -    | 2    | 3     | 5     | 7     | 10    | 14    |
| MEAN                                                                                          | 1              | 1    | 2    | 2     | 3     | 6     | 7     | 12    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | 1              | 1    | 1    | 1     | 1     | 2     | 4     | 5     |
| 01                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 2     |
| 02                                                                                            | -              | -    | -    | 1     | 1     | 1     | 2     | 5     |
| 03                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 3     |
| 04                                                                                            | 1              | 1    | 1    | 1     | 1     | 1     | 2     | 5     |
| 05                                                                                            | -              | -    | 1    | 1     | 1     | 1     | 1     | 1     |
| 06                                                                                            | -              | 1    | 1    | 1     | 1     | 2     | 3     | 3     |
| 07                                                                                            | 1              | 1    | 2    | 2     | 3     | 3     | 3     | 5     |
| 08                                                                                            | -              | -    | -    | -     | -     | 2     | 5     | 6     |
| 09                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 5     |
| 10                                                                                            | -              | -    | -    | -     | -     | 2     | 3     | 7     |
| 11                                                                                            | -              | 1    | 1    | 1     | 1     | 1     | 3     | 6     |
| 12                                                                                            | -              | -    | -    | -     | -     | 1     | 3     | 5     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 1    | 2     | 2     | 3     | 5     | 8     |
| 23                                                                                            | -              | 1    | 1    | 1     | 1     | 2     | 3     | 10    |
| MEAN                                                                                          | 0              | 0    | 1    | 1     | 1     | 2     | 3     | 5     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B  
 AERODROME: SHONAI AIRPORT      MONTH: APR  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 15  
 LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 4     |
| 01                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 02                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 2     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 04                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 07                                                                                            | -              | -    | -    | -     | -     | -     | -     | 4     |
| 08                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 4     |
| 09                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 4     |
| 10                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 4     |
| 11                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 12                                                                                            | -              | -    | -    | -     | -     | 1     | 4     | 6     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 3     |
| 23                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 3     |
| MEAN                                                                                          | -              | -    | -    | -     | -     | 0     | 1     | 3     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | 1     | 1     | 3     | 4     |
| 01                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 02                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | 2     | 3     |
| 04                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 1     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 07                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 08                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 09                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 10                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 2     |
| 11                                                                                            | -              | -    | -    | -     | -     | -     | -     | 3     |
| 12                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 5     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | 1    | 1    | 1     | 1     | 1     | 3     | 5     |
| 23                                                                                            | -              | 1    | 1    | 1     | 1     | 2     | 3     | 5     |
| MEAN                                                                                          | -              | 0    | 0    | 0     | 0     | 0     | 1     | 3     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 0)    | 1)    |
| 01                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 1)    |
| 02                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 1)    | 1)    |
| 03                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    |
| 04                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 1)    |
| 05                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 1)    |
| 06                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 0)    | 2)    |
| 07                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 2)    | 4)    |
| 08                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 3)    |
| 09                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 1)    | 3)    |
| 10                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 4)    |
| 11                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 1)    | 1)    |
| 12                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 1)    |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 2)    |
| 23                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 0)    | 3)    |
| MEAN                                                                                          | 0)             | 0)   | 0)   | 0)    | 0)    | 0)    | 1)    | 2)    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 4     |
| 01                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 4     |
| 02                                                                                            | -              | -    | -    | 1     | 1     | 1     | 3     | 3     |
| 03                                                                                            | -              | -    | -    | 1     | 1     | 1     | 1     | 4     |
| 04                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 5     |
| 05                                                                                            | -              | -    | -    | -     | -     | 1     | 2     | 4     |
| 06                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 4     |
| 07                                                                                            | -              | -    | -    | -     | -     | 1     | 3     | 6     |
| 08                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 4     |
| 09                                                                                            | -              | 1    | 1    | 1     | 1     | 1     | 1     | 2     |
| 10                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 11                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 12                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 5     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | -     | 3     | 8     |
| 23                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 2     |
| MEAN                                                                                          | -              | 0    | 0    | 0     | 0     | 1     | 2     | 4     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 2     |
| 01                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 02                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 04                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 07                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 1     |
| 08                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 09                                                                                            | -              | -    | -    | 1     | 1     | 1     | 1     | 3     |
| 10                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 11                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 12                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 1     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 23                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 2     |
| MEAN                                                                                          | -              | -    | -    | 0     | 0     | 0     | 0     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B  
 AERODROME: SHONAI AIRPORT      MONTH: SEP  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 15  
 LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 01                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 02                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 04                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 1     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 07                                                                                            | -              | -    | -    | -     | -     | -     | -     | 3     |
| 08                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 09                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 10                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 1     |
| 11                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 12                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 23                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| MEAN                                                                                          | -              | -    | -    | -     | 0     | 0     | 0     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B  
 AERODROME: SHONAI AIRPORT      MONTH: OCT  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 15  
 LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 01                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 02                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 04                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 1     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 2     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 07                                                                                            | -              | -    | -    | -     | -     | -     | 2     | 3     |
| 08                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 2     |
| 09                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 2     |
| 10                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 11                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 12                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 23                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| MEAN                                                                                          | -              | -    | -    | -     | -     | 0     | 1     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B  
 AERODROME: SHONAI AIRPORT      MONTH: NOV  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 15  
 LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 01                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 2     |
| 02                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 03                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 04                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 05                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 1     |
| 06                                                                                            | -              | -    | -    | -     | -     | -     | -     | 1     |
| 07                                                                                            | -              | -    | -    | -     | -     | -     | 1     | 3     |
| 08                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 2     |
| 09                                                                                            | -              | -    | -    | -     | -     | -     | -     | 2     |
| 10                                                                                            | -              | -    | -    | -     | -     | -     | -     | 3     |
| 11                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 12                                                                                            | -              | -    | -    | -     | -     | 1     | 1     | 3     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | -              | -    | -    | -     | -     | -     | -     | -     |
| 23                                                                                            | -              | -    | -    | -     | 1     | 1     | 1     | 1     |
| MEAN                                                                                          | -              | -    | -    | -     | 0     | 0     | 1     | 2     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT      MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | -              | 2    | 2    | 2     | 3     | 3     | 3     | 8     |
| 01                                                                                            | -              | 1    | 1    | 2     | 3     | 5     | 5     | 5     |
| 02                                                                                            | -              | -    | 1    | 1     | 1     | 2     | 5     | 10    |
| 03                                                                                            | -              | 1    | 1    | 1     | 2     | 3     | 6     | 10    |
| 04                                                                                            | -              | 1    | 1    | 1     | 1     | 2     | 3     | 9     |
| 05                                                                                            | -              | -    | -    | 1     | 1     | 1     | 3     | 8     |
| 06                                                                                            | -              | -    | -    | -     | 1     | 2     | 5     | 10    |
| 07                                                                                            | -              | -    | -    | 1     | 1     | 2     | 5     | 12    |
| 08                                                                                            | -              | -    | 1    | 1     | 1     | 3     | 3     | 4     |
| 09                                                                                            | -              | -    | -    | 1     | 1     | 3     | 5     | 8     |
| 10                                                                                            | -              | -    | -    | -     | 1     | 3     | 5     | 7     |
| 11                                                                                            | -              | -    | -    | 1     | 1     | 2     | 3     | 7     |
| 12                                                                                            | -              | -    | -    | -     | -     | 3     | 3     | 8     |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | 1              | 1    | 1    | 2     | 3     | 5     | 7     | 14    |
| 23                                                                                            | -              | -    | -    | 1     | 1     | 2     | 3     | 6     |
| MEAN                                                                                          | 0              | 0    | 1    | 1     | 1     | 3     | 4     | 8     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL B

AERODROME: SHONAI AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES<br>(IN METERS) AT SPECIFIED TIMES |                |      |      |       |       |       |       |       |
|-----------------------------------------------------------------------------------------------|----------------|------|------|-------|-------|-------|-------|-------|
| TIME<br>(UTC)                                                                                 | VISIBILITY (m) |      |      |       |       |       |       |       |
|                                                                                               | <400           | <600 | <800 | <1000 | <1500 | <2400 | <3200 | <5000 |
| 00                                                                                            | 0)             | 1)   | 1)   | 1)    | 1)    | 2)    | 3)    | 5)    |
| 01                                                                                            | 0)             | 0)   | 1)   | 1)    | 1)    | 2)    | 2)    | 4)    |
| 02                                                                                            | 0)             | 0)   | 0)   | 0)    | 1)    | 1)    | 2)    | 4)    |
| 03                                                                                            | 0)             | 0)   | 0)   | 0)    | 1)    | 1)    | 3)    | 5)    |
| 04                                                                                            | 0)             | 0)   | 1)   | 1)    | 1)    | 2)    | 2)    | 5)    |
| 05                                                                                            | 0)             | 0)   | 0)   | 1)    | 1)    | 2)    | 2)    | 4)    |
| 06                                                                                            | 0)             | 0)   | 1)   | 1)    | 1)    | 2)    | 3)    | 5)    |
| 07                                                                                            | 0)             | 0)   | 1)   | 1)    | 1)    | 2)    | 3)    | 6)    |
| 08                                                                                            | 0)             | 0)   | 0)   | 0)    | 1)    | 2)    | 3)    | 5)    |
| 09                                                                                            | 0)             | 0)   | 0)   | 0)    | 1)    | 1)    | 2)    | 5)    |
| 10                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 3)    | 5)    |
| 11                                                                                            | 0)             | 0)   | 0)   | 1)    | 1)    | 2)    | 2)    | 5)    |
| 12                                                                                            | 0)             | 0)   | 0)   | 0)    | 0)    | 1)    | 3)    | 5)    |
| 13                                                                                            |                |      |      |       |       |       |       |       |
| 14                                                                                            |                |      |      |       |       |       |       |       |
| 15                                                                                            |                |      |      |       |       |       |       |       |
| 16                                                                                            |                |      |      |       |       |       |       |       |
| 17                                                                                            |                |      |      |       |       |       |       |       |
| 18                                                                                            |                |      |      |       |       |       |       |       |
| 19                                                                                            |                |      |      |       |       |       |       |       |
| 20                                                                                            |                |      |      |       |       |       |       |       |
| 21                                                                                            |                |      |      |       |       |       |       |       |
| 22                                                                                            | 0)             | 1)   | 1)   | 1)    | 1)    | 2)    | 4)    | 6)    |
| 23                                                                                            | 0)             | 0)   | 0)   | 1)    | 1)    | 2)    | 3)    | 6)    |
| MEAN                                                                                          | 0)             | 0)   | 0)   | 1)    | 1)    | 2)    | 3)    | 5)    |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | 1    | 1    | 5     | 8     |
| 01                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 8     |
| 02                                                                                                                                                        | -       | -    | -    | -    | 1    | 5     | 8     |
| 03                                                                                                                                                        | -       | -    | -    | -    | 2    | 5     | 8     |
| 04                                                                                                                                                        | -       | -    | -    | -    | 1    | 8     | 12    |
| 05                                                                                                                                                        | -       | -    | -    | -    | 1    | 6     | 12    |
| 06                                                                                                                                                        | -       | -    | -    | 1    | 2    | 6     | 10    |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 9     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | 5     | 10    |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 6     |
| 10                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 8     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 3     | 8     |
| 12                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 9     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | 1    | 2    | 5     | 8     |
| 23                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 6     |
| MEAN                                                                                                                                                      | -       | -    | -    | 0    | 1    | 4     | 9     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | 2    | 5     | 7     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 3     | 7     |
| 02                                                                                                                                                        | -       | -    | -    | -    | 1    | 4     | 6     |
| 03                                                                                                                                                        | -       | -    | -    | -    | -    | 5     | 8     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 6     |
| 05                                                                                                                                                        | -       | -    | -    | 1    | 1    | 3     | 6     |
| 06                                                                                                                                                        | -       | -    | -    | 1    | 1    | 5     | 8     |
| 07                                                                                                                                                        | -       | -    | -    | -    | 2    | 3     | 4     |
| 08                                                                                                                                                        | -       | -    | -    | 1    | 1    | 5     | 9     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 7     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 8     |
| 11                                                                                                                                                        | -       | -    | -    | 1    | 1    | 4     | 8     |
| 12                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 7     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | 4     | 8     |
| 23                                                                                                                                                        | -       | -    | -    | -    | 2    | 5     | 8     |
| MEAN                                                                                                                                                      | -       | -    | -    | 0    | 1    | 4     | 7     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

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 | <500 | <600 | <1000 | <1500 |
| 00            | -       | -    | -    | -    | 1    | 3     | 4     |
| 01            | -       | -    | 1    | 1    | 1    | 1     | 3     |
| 02            | -       | -    | 1    | 1    | 1    | 3     | 6     |
| 03            | -       | -    | -    | 1    | 1    | 3     | 6     |
| 04            | -       | -    | -    | 1    | 1    | 2     | 4     |
| 05            | -       | -    | 1    | 1    | 1    | 3     | 6     |
| 06            | -       | -    | 1    | 1    | 2    | 3     | 5     |
| 07            | -       | -    | 1    | 1    | 2    | 3     | 6     |
| 08            | -       | -    | 1    | 1    | 1    | 2     | 3     |
| 09            | -       | -    | -    | 1    | 1    | 3     | 5     |
| 10            | -       | -    | -    | 1    | 1    | 3     | 6     |
| 11            | -       | -    | -    | 1    | 1    | 1     | 6     |
| 12            | -       | -    | -    | -    | -    | 2     | 6     |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | 1    | 1    | 3    | 4     | 7     |
| 23            | -       | -    | -    | -    | 2    | 4     | 8     |
| MEAN          | -       | -    | 0    | 1    | 1    | 3     | 5     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

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 | <500 | <600 | <1000 | <1500 |
| 00            | -       | -    | 1    | 2    | 3    | 4     | 5     |
| 01            | -       | -    | -    | -    | -    | 2     | 3     |
| 02            | -       | -    | -    | 1    | 1    | 1     | 2     |
| 03            | -       | -    | -    | 1    | 1    | 2     | 4     |
| 04            | -       | -    | -    | 1    | 1    | 3     | 4     |
| 05            | -       | -    | -    | -    | 1    | 3     | 5     |
| 06            | -       | -    | -    | 1    | 1    | 2     | 3     |
| 07            | -       | -    | -    | -    | -    | 1     | 2     |
| 08            | -       | -    | -    | -    | 1    | 2     | 3     |
| 09            | -       | -    | -    | -    | -    | 1     | 3     |
| 10            | -       | -    | -    | -    | -    | -     | 1     |
| 11            | -       | -    | -    | -    | -    | 2     | 4     |
| 12            | -       | -    | -    | 1    | 1    | 4     | 7     |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | -    | 1    | 2    | 3     | 5     |
| 23            | -       | -    | -    | 1    | 2    | 3     | 5     |
| MEAN          | -       | -    | 0    | 0    | 1    | 2     | 4     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | 1    | 1    | 3    | 3     | 6     |
| 01                                                                                                                                                        | -       | -    | 1    | 1    | 2    | 3     | 6     |
| 02                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 5     |
| 03                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 5     |
| 04                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 5     |
| 05                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 5     |
| 06                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 4     |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 3     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 3     |
| 09                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 5     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 12                                                                                                                                                        | -       | -    | 1    | 1    | 1    | 5     | 6     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | 1    | 2    | 3    | 5     | 7     |
| 23                                                                                                                                                        | -       | -    | 2    | 2    | 3    | 4     | 6     |
| MEAN                                                                                                                                                      | -       | -    | 0    | 0    | 1    | 2     | 5     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 3)    |
| 01                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 1)    | 1)    |
| 02                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 1)    | 1)    |
| 03                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 1)    | 2)    |
| 04                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 0)    | 1)    |
| 05                                                                                                                                                        | 0)      | 0)   | 0)   | 1)   | 1)   | 2)    | 3)    |
| 06                                                                                                                                                        | 0)      | 0)   | 0)   | 1)   | 1)   | 3)    | 3)    |
| 07                                                                                                                                                        | 0)      | 0)   | 1)   | 1)   | 1)   | 1)    | 3)    |
| 08                                                                                                                                                        | 0)      | 0)   | 1)   | 1)   | 1)   | 3)    | 3)    |
| 09                                                                                                                                                        | 0)      | 0)   | 1)   | 1)   | 1)   | 3)    | 3)    |
| 10                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 4)    |
| 11                                                                                                                                                        | 0)      | 0)   | 1)   | 1)   | 1)   | 3)    | 3)    |
| 12                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 1)    | 2)    |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 1)   | 1)    | 3)    |
| 23                                                                                                                                                        | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 3)    |
| MEAN                                                                                                                                                      | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 3)    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

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 | <500 | <600 | <1000 | <1500 |
| 00            | -       | -    | -    | 1    | 1    | 3     | 6     |
| 01            | -       | -    | 1    | 1    | 2    | 3     | 5     |
| 02            | -       | -    | -    | 1    | 1    | 5     | 6     |
| 03            | -       | -    | -    | 1    | 1    | 5     | 7     |
| 04            | -       | -    | -    | 1    | 2    | 3     | 7     |
| 05            | -       | -    | -    | -    | 1    | 5     | 9     |
| 06            | -       | -    | -    | -    | 1    | 6     | 8     |
| 07            | -       | -    | -    | 1    | 3    | 6     | 10    |
| 08            | -       | -    | 1    | 1    | 3    | 5     | 6     |
| 09            | -       | -    | 1    | 1    | 3    | 5     | 8     |
| 10            | -       | -    | 1    | 1    | 2    | 3     | 9     |
| 11            | -       | -    | 1    | 1    | 1    | 4     | 10    |
| 12            | -       | -    | 1    | 1    | 1    | 5     | 8     |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | -       | -    | 1    | 1    | 2    | 5     | 8     |
| 23            | -       | -    | -    | -    | 1    | 4     | 8     |
| MEAN          | -       | -    | 0    | 1    | 2    | 4     | 8     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 02                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 2     |
| 03                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 2     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 07                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 2     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 12                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 3     |
| MEAN                                                                                                                                                      | -       | -    | -    | -    | -    | 1     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 02                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 03                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 04                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 07                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 2     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 12                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 3     |
| MEAN                                                                                                                                                      | -       | -    | -    | -    | 0    | 0     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 02                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 03                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 07                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 08                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 11                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 12                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| MEAN                                                                                                                                                      | -       | -    | -    | -    | 0    | 0     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | -    | -    | -     | 1     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 02                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 03                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 3     |
| 04                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 2     |
| 05                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 07                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 08                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 09                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 10                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 11                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 1     |
| 12                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 1     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | -     | -     |
| MEAN                                                                                                                                                      | -       | -    | -    | -    | 0    | 1     | 1     |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT      MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

| 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 | <500 | <600 | <1000 | <1500 |
| 00                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 5     |
| 01                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 3     |
| 02                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 2     |
| 03                                                                                                                                                        | -       | -    | 1    | 1    | 1    | 3     | 6     |
| 04                                                                                                                                                        | -       | -    | -    | -    | -    | 2     | 6     |
| 05                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 4     |
| 06                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 07                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 5     |
| 08                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 5     |
| 09                                                                                                                                                        | -       | -    | -    | 1    | 1    | 2     | 3     |
| 10                                                                                                                                                        | -       | -    | -    | -    | 1    | 3     | 6     |
| 11                                                                                                                                                        | -       | -    | -    | -    | 1    | 2     | 4     |
| 12                                                                                                                                                        | -       | -    | -    | -    | 1    | 1     | 3     |
| 13                                                                                                                                                        |         |      |      |      |      |       |       |
| 14                                                                                                                                                        |         |      |      |      |      |       |       |
| 15                                                                                                                                                        |         |      |      |      |      |       |       |
| 16                                                                                                                                                        |         |      |      |      |      |       |       |
| 17                                                                                                                                                        |         |      |      |      |      |       |       |
| 18                                                                                                                                                        |         |      |      |      |      |       |       |
| 19                                                                                                                                                        |         |      |      |      |      |       |       |
| 20                                                                                                                                                        |         |      |      |      |      |       |       |
| 21                                                                                                                                                        |         |      |      |      |      |       |       |
| 22                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 2     |
| 23                                                                                                                                                        | -       | -    | -    | -    | -    | 1     | 2     |
| MEAN                                                                                                                                                      | -       | -    | 0    | 0    | 0    | 2     | 4     |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL C

AERODROME: SHONAI AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 15

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72ft

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 | <500 | <600 | <1000 | <1500 |
| 00            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 01            | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 3)    |
| 02            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 3)    |
| 03            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 04            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 05            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 06            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 07            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 08            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |
| 09            | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 3)    |
| 10            | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 4)    |
| 11            | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 4)    |
| 12            | 0)      | 0)   | 0)   | 0)   | 0)   | 2)    | 4)    |
| 13            |         |      |      |      |      |       |       |
| 14            |         |      |      |      |      |       |       |
| 15            |         |      |      |      |      |       |       |
| 16            |         |      |      |      |      |       |       |
| 17            |         |      |      |      |      |       |       |
| 18            |         |      |      |      |      |       |       |
| 19            |         |      |      |      |      |       |       |
| 20            |         |      |      |      |      |       |       |
| 21            |         |      |      |      |      |       |       |
| 22            | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 5)    |
| 23            | 0)      | 0)   | 0)   | 0)   | 1)   | 3)    | 4)    |
| MEAN          | 0)      | 0)   | 0)   | 0)   | 1)   | 2)    | 4)    |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: JAN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | -     |
| VARIABLE                                                                                                                            | 3               | 0    | -     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [35-36-01]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [02-03-04]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [05-06-07]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [08-09-10]                                                                                                                          | 4               | 6    | 2     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 12    |
| [11-12-13]                                                                                                                          | 3               | 2    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [14-15-16]                                                                                                                          | 3               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [17-18-19]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [20-21-22]                                                                                                                          | 0               | 1    | 0     | 0     | -     | 0     | -     | -     | -     | -     | -   | 2     |
| [23-24-25]                                                                                                                          | 0               | 0    | 1     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 2     |
| [26-27-28]                                                                                                                          | 0               | 3    | 9     | 7     | 4     | 1     | 0     | -     | -     | -     | -   | 25    |
| [29-30-31]                                                                                                                          | 1               | 7    | 17    | 8     | 2     | 0     | -     | -     | -     | -     | -   | 34    |
| [32-33-34]                                                                                                                          | 1               | 3    | 2     | 1     | 0     | -     | -     | -     | -     | -     | -   | 7     |
| TOTAL                                                                                                                               | 17              | 25   | 31    | 18    | 7     | 2     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [02-03-04]                                                                                                                          | 0               | -    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 0     |
| [05-06-07]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [08-09-10]                                                                                                                          | 4               | 8    | 4     | 1     | 0     | -     | -     | -     | -     | -     | -   | 16    |
| [11-12-13]                                                                                                                          | 4               | 3    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 7     |
| [14-15-16]                                                                                                                          | 2               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [17-18-19]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [20-21-22]                                                                                                                          | 0               | 1    | 0     | 0     | 0     | -     | 0     | -     | -     | -     | -   | 2     |
| [23-24-25]                                                                                                                          | 0               | 1    | 1     | 1     | 1     | 0     | 0     | 0     | -     | -     | -   | 4     |
| [26-27-28]                                                                                                                          | 0               | 4    | 7     | 6     | 3     | 1     | 0     | 0     | -     | -     | -   | 21    |
| [29-30-31]                                                                                                                          | 1               | 7    | 14    | 8     | 1     | 0     | -     | -     | -     | -     | -   | 31    |
| [32-33-34]                                                                                                                          | 1               | 3    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 6     |
| TOTAL                                                                                                                               | 19              | 30   | 28    | 16    | 5     | 1     | 1     | 0     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                            | 5)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [35-36-01]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [02-03-04]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [08-09-10]                                                                                                                          | 5)              | 7)   | 3)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 17)   |
| [11-12-13]                                                                                                                          | 4)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [14-15-16]                                                                                                                          | 3)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [17-18-19]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 0)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [23-24-25]                                                                                                                          | 1)              | 2)   | 4)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 11)   |
| [26-27-28]                                                                                                                          | 1)              | 4)   | 6)    | 5)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  | 22)   |
| [29-30-31]                                                                                                                          | 2)              | 6)   | 5)    | 3)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [32-33-34]                                                                                                                          | 2)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| TOTAL                                                                                                                               | 27)             | 31)  | 20)   | 14)   | 5)    | 1)    | 1)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 1     |
| VARIABLE                                                                                                                            | 5               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [35-36-01]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [02-03-04]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [05-06-07]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [08-09-10]                                                                                                                          | 6               | 10   | 6     | 4     | 1     | 0     | -     | -     | -     | -     | -   | 28    |
| [11-12-13]                                                                                                                          | 4               | 3    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 7     |
| [14-15-16]                                                                                                                          | 2               | 0    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [17-18-19]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [20-21-22]                                                                                                                          | 1               | 1    | 1     | 0     | 0     | 0     | 0     | 0     | -     | -     | -   | 3     |
| [23-24-25]                                                                                                                          | 1               | 3    | 6     | 3     | 1     | 0     | 0     | 0     | 0     | 0     | 0   | 15    |
| [26-27-28]                                                                                                                          | 2               | 6    | 4     | 3     | 1     | 0     | 0     | 0     | -     | -     | -   | 16    |
| [29-30-31]                                                                                                                          | 3               | 4    | 2     | 0     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [32-33-34]                                                                                                                          | 2               | 4    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| TOTAL                                                                                                                               | 29              | 34   | 20    | 11    | 3     | 1     | 1     | 0     | 0     | 0     | 0   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                            | 6               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 6     |
| [35-36-01]                                                                                                                          | 1               | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [02-03-04]                                                                                                                          | 0               | -    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 0     |
| [05-06-07]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [08-09-10]                                                                                                                          | 7               | 10   | 7     | 3     | 0     | 0     | -     | -     | -     | -     | -   | 27    |
| [11-12-13]                                                                                                                          | 5               | 3    | 1     | -     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [14-15-16]                                                                                                                          | 2               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [17-18-19]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [20-21-22]                                                                                                                          | 1               | 1    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [23-24-25]                                                                                                                          | 1               | 5    | 7     | 5     | 1     | 0     | -     | -     | -     | -     | -   | 19    |
| [26-27-28]                                                                                                                          | 3               | 7    | 4     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 16    |
| [29-30-31]                                                                                                                          | 4               | 3    | 1     | -     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [32-33-34]                                                                                                                          | 3               | 2    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| TOTAL                                                                                                                               | 35              | 32   | 21    | 10    | 2     | 0     | -     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                            | 8)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| [35-36-01]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [02-03-04]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [08-09-10]                                                                                                                          | 7)              | 10)  | 13)   | 6)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 37)   |
| [11-12-13]                                                                                                                          | 4)              | 2)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [14-15-16]                                                                                                                          | 2)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [17-18-19]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [20-21-22]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [23-24-25]                                                                                                                          | 1)              | 2)   | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| [26-27-28]                                                                                                                          | 2)              | 5)   | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 9)    |
| [29-30-31]                                                                                                                          | 4)              | 5)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 9)    |
| [32-33-34]                                                                                                                          | 4)              | 6)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| TOTAL                                                                                                                               | 38)             | 32)  | 20)   | 8)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                            | 10)             | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| [35-36-01]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [02-03-04]                                                                                                                          | 0)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [08-09-10]                                                                                                                          | 10)             | 9)   | 8)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 30)   |
| [11-12-13]                                                                                                                          | 7)              | 2)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| [14-15-16]                                                                                                                          | 2)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [17-18-19]                                                                                                                          | 1)              | 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)              | 6)   | 5)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 14)   |
| [26-27-28]                                                                                                                          | 4)              | 7)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 12)   |
| [29-30-31]                                                                                                                          | 3)              | 4)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [32-33-34]                                                                                                                          | 3)              | 2)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| TOTAL                                                                                                                               | 46)             | 34)  | 15)   | 4)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                                |                 |      |       |       |       |       |       |       |       |       |     | 1     |
| VARIABLE                                                                                                                            | 8               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 8     |
| [35-36-01]                                                                                                                          | 1               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [02-03-04]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [05-06-07]                                                                                                                          | 2               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [08-09-10]                                                                                                                          | 11              | 10   | 7     | 2     | 1     | 0     | -     | -     | -     | -     | -   | 33    |
| [11-12-13]                                                                                                                          | 9               | 3    | 0     | 0     | 0     | 0     | -     | -     | -     | -     | -   | 12    |
| [14-15-16]                                                                                                                          | 4               | 0    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [17-18-19]                                                                                                                          | 1               | 0    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 1     |
| [20-21-22]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [23-24-25]                                                                                                                          | 1               | 3    | 3     | 1     | 0     | 0     | 0     | -     | -     | -     | -   | 8     |
| [26-27-28]                                                                                                                          | 3               | 7    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 11    |
| [29-30-31]                                                                                                                          | 3               | 4    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 7     |
| [32-33-34]                                                                                                                          | 2               | 3    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 6     |
| TOTAL                                                                                                                               | 47              | 35   | 13    | 3     | 1     | 0     | 0     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [35-36-01]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [02-03-04]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 3)              | 2)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [08-09-10]                                                                                                                          | 11)             | 12)  | 11)   | 4)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 39)   |
| [11-12-13]                                                                                                                          | 7)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 12)   |
| [14-15-16]                                                                                                                          | 3)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [17-18-19]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [23-24-25]                                                                                                                          | 1)              | 3)   | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| [26-27-28]                                                                                                                          | 2)              | 4)   | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 9)    |
| [29-30-31]                                                                                                                          | 3)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [32-33-34]                                                                                                                          | 3)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| TOTAL                                                                                                                               | 41)             | 34)  | 18)   | 6)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT      MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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               | -    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [35-36-01]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [02-03-04]                                                                                                                          | 1               | 0    | -     | -     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [05-06-07]                                                                                                                          | 2               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 4     |
| [08-09-10]                                                                                                                          | 8               | 12   | 7     | 2     | 0     | -     | -     | -     | -     | -     | -   | 30    |
| [11-12-13]                                                                                                                          | 4               | 4    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 10    |
| [14-15-16]                                                                                                                          | 2               | 1    | 0     | -     | -     | -     | -     | -     | -     | -     | -   | 3     |
| [17-18-19]                                                                                                                          | 1               | 1    | 0     | 0     | -     | -     | -     | -     | -     | -     | -   | 2     |
| [20-21-22]                                                                                                                          | 1               | 1    | 1     | 0     | 0     | -     | -     | -     | -     | -     | -   | 2     |
| [23-24-25]                                                                                                                          | 0               | 1    | 1     | 1     | 0     | 0     | -     | -     | -     | -     | -   | 4     |
| [26-27-28]                                                                                                                          | 1               | 3    | 4     | 3     | 1     | 0     | -     | -     | -     | -     | -   | 14    |
| [29-30-31]                                                                                                                          | 2               | 7    | 4     | 1     | 0     | -     | -     | -     | -     | -     | -   | 14    |
| [32-33-34]                                                                                                                          | 3               | 4    | 1     | 0     | -     | -     | -     | -     | -     | -     | -   | 9     |
| TOTAL                                                                                                                               | 31              | 38   | 21    | 8     | 2     | 0     | -     | -     | -     | -     | -   |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [02-03-04]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [08-09-10]                                                                                                                          | 6)              | 14)  | 5)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 27)   |
| [11-12-13]                                                                                                                          | 4)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 10)   |
| [14-15-16]                                                                                                                          | 3)              | 2)   | 0)    | 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]                                                                                                                          | 0)              | 1)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [23-24-25]                                                                                                                          | 0)              | 1)   | 1)    | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [26-27-28]                                                                                                                          | 0)              | 2)   | 4)    | 4)    | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [29-30-31]                                                                                                                          | 2)              | 5)   | 7)    | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [32-33-34]                                                                                                                          | 2)              | 4)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| TOTAL                                                                                                                               | 26)             | 36)  | 20)   | 11)   | 5)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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]                                                                                                                          | 0)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [02-03-04]                                                                                                                          | 0)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [08-09-10]                                                                                                                          | 5)              | 9)   | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 18)   |
| [11-12-13]                                                                                                                          | 4)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| [14-15-16]                                                                                                                          | 3)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 4)    |
| [17-18-19]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 0)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [23-24-25]                                                                                                                          | 0)              | 1)   | 1)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [26-27-28]                                                                                                                          | 0)              | 2)   | 6)    | 7)    | 4)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)  | 22)   |
| [29-30-31]                                                                                                                          | 1)              | 6)   | 12)   | 9)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 29)   |
| [32-33-34]                                                                                                                          | 1)              | 3)   | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 6)    |
| TOTAL                                                                                                                               | 19)             | 27)  | 25)   | 18)   | 6)    | 2)    | 1)    | 0)    | 0)    | 0)    | 0)  |       |

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL D

AERODROME: SHONAI AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                                                            | 5)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 5)    |
| [35-36-01]                                                                                                                          | 1)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [02-03-04]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 1)    |
| [05-06-07]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [08-09-10]                                                                                                                          | 7)              | 10)  | 6)    | 2)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 26)   |
| [11-12-13]                                                                                                                          | 5)              | 3)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 9)    |
| [14-15-16]                                                                                                                          | 2)              | 1)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 3)    |
| [17-18-19]                                                                                                                          | 1)              | 0)   | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [20-21-22]                                                                                                                          | 1)              | 1)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 2)    |
| [23-24-25]                                                                                                                          | 1)              | 2)   | 3)    | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 8)    |
| [26-27-28]                                                                                                                          | 2)              | 5)   | 4)    | 3)    | 2)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [29-30-31]                                                                                                                          | 2)              | 5)   | 5)    | 3)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 16)   |
| [32-33-34]                                                                                                                          | 2)              | 3)   | 1)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)    | 0)  | 7)    |
| TOTAL                                                                                                                               | 31)             | 32)  | 21)   | 10)   | 3)    | 1)    | 0)    | 0)    | 0)    | 0)    | 0)  |       |

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E  
 AERODROME: SHONAI AIRPORT      MONTH: JAN  
 PERIOD OF RECORD: 2012-2016  
 TOTAL NUMBER OF OBSERVATIONS: 24  
 LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                              | -                  | -                | -               | 28            | 64           | 8             | -              | -              | -              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | 23            | 67           | 10            | -              | -              | -              | -              | -              | -  |
| 02                                                                                              | -                  | -                | -               | 21            | 67           | 11            | 1              | -              | -              | -              | -              | -  |
| 03                                                                                              | -                  | -                | -               | 21            | 68           | 10            | 1              | -              | -              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | 23            | 66           | 9             | 2              | -              | -              | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | 18            | 68           | 12            | 2              | -              | -              | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | 21            | 67           | 12            | -              | -              | -              | -              | -              | -  |
| 07                                                                                              | -                  | -                | -               | 21            | 70           | 9             | -              | -              | -              | -              | -              | -  |
| 08                                                                                              | -                  | -                | -               | 24            | 67           | 9             | -              | -              | -              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | 24            | 69           | 7             | -              | -              | -              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | 23            | 72           | 5             | -              | -              | -              | -              | -              | -  |
| 11                                                                                              | -                  | -                | 1               | 26            | 68           | 5             | 1              | -              | -              | -              | -              | -  |
| 12                                                                                              | -                  | -                | 1               | 29            | 66           | 3             | 1              | -              | -              | -              | -              | -  |
| 13                                                                                              | -                  | -                | -               | 32            | 63           | 4             | 1              | -              | -              | -              | -              | -  |
| 14                                                                                              | -                  | -                | 1               | 32            | 64           | 4             | -              | -              | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | 1               | 33            | 62           | 4             | 1              | -              | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | 1               | 31            | 61           | 6             | 1              | -              | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | -               | 30            | 63           | 6             | 1              | -              | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | -               | 34            | 60           | 6             | 1              | -              | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | 1               | 35            | 56           | 7             | 1              | -              | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | 1               | 36            | 55           | 8             | -              | -              | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | -               | 36            | 55           | 9             | -              | -              | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | -               | 38            | 54           | 8             | -              | -              | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | -               | 32            | 61           | 7             | -              | -              | -              | -              | -              | -  |
| MEAN                                                                                            | -                  | -                | 0               | 28            | 64           | 7             | 0              | -              | -              | -              | -              | -  |

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

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT      MONTH: FEB

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                              | -                  | -                | -               | 36            | 58           | 6             | -              | -              | -              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | 27            | 61           | 11            | -              | 1              | -              | -              | -              | -  |
| 02                                                                                              | -                  | -                | -               | 23            | 61           | 16            | -              | 1              | -              | -              | -              | -  |
| 03                                                                                              | -                  | -                | -               | 23            | 56           | 20            | 1              | -              | -              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | 20            | 56           | 23            | 1              | -              | -              | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | 23            | 55           | 20            | 1              | -              | -              | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | 24            | 57           | 18            | 1              | -              | -              | -              | -              | -  |
| 07                                                                                              | -                  | -                | 1               | 25            | 55           | 20            | -              | -              | -              | -              | -              | -  |
| 08                                                                                              | -                  | -                | -               | 28            | 57           | 14            | 1              | -              | -              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | 31            | 58           | 11            | -              | -              | -              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | 35            | 56           | 8             | -              | -              | -              | -              | -              | -  |
| 11                                                                                              | -                  | -                | -               | 35            | 56           | 8             | -              | -              | -              | -              | -              | -  |
| 12                                                                                              | -                  | -                | 1               | 38            | 54           | 8             | -              | -              | -              | -              | -              | -  |
| 13                                                                                              | -                  | -                | 1               | 38            | 54           | 7             | -              | -              | -              | -              | -              | -  |
| 14                                                                                              | -                  | -                | 1               | 41            | 50           | 8             | -              | -              | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | 1               | 44            | 49           | 7             | -              | -              | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | 1               | 44            | 48           | 6             | -              | -              | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | 1               | 44            | 49           | 6             | -              | -              | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | 1               | 42            | 51           | 5             | 1              | -              | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | 1               | 43            | 49           | 6             | 1              | -              | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | 1               | 46            | 46           | 7             | -              | -              | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | 2               | 44            | 46           | 7             | -              | -              | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | 1               | 46            | 46           | 5             | 1              | -              | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | 1               | 41            | 52           | 6             | 1              | -              | -              | -              | -              | -  |
| MEAN                                                                                            | -                  | -                | 1               | 35            | 53           | 11            | 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: SHONAI AIRPORT MONTH: MAR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                           | -               | -                | -               | 3             | 48           | 35            | 13             | 1              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | 2             | 37           | 45            | 14             | 3              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | 1             | 32           | 46            | 17             | 3              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | 2             | 29           | 48            | 17             | 3              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | 1             | 30           | 45            | 20             | 3              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | -               | 2             | 29           | 49            | 17             | 3              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | -               | 2             | 30           | 48            | 17             | 2              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | -               | 1             | 35           | 46            | 16             | 1              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | -               | 3             | 36           | 47            | 14             | 1              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | 4             | 46           | 42            | 8              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | -               | 4             | 52           | 35            | 9              | 1              | -              | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | 4             | 55           | 35            | 6              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | 3             | 58           | 32            | 6              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | 5             | 64           | 26            | 5              | -              | -              | -              | -              | -  |
| 14                                                                                           | 0)              | 0)               | 0)              | 6)            | 65)          | 25)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 8)            | 66)          | 23)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 10)           | 66)          | 22)           | 2)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 12)           | 64)          | 24)           | 1)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 14)           | 62)          | 23)           | 1)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 13)           | 64)          | 23)           | 1)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 1)              | 15)           | 60)          | 24)           | 1)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 21                                                                                           | 0)              | 0)               | 0)              | 18)           | 56)          | 25)           | 1)             | 1)             | 0)             | 0)             | 0)             | 0) |
| 22                                                                                           | -               | -                | -               | 14            | 55           | 27            | 3              | 1              | -              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | 7             | 51           | 38            | 3              | 1              | -              | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 6)            | 50)          | 35)           | 8)             | 1)             | 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: SHONAI AIRPORT      MONTH: APR

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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            | 27            | 53             | 10             | 4              | -              | -              | -  |
| 01                                                                                              | -                  | -                | -               | -             | 3            | 24            | 51             | 17             | 3              | 1              | -              | -  |
| 02                                                                                              | -                  | -                | -               | -             | 3            | 25            | 50             | 17             | 5              | 1              | -              | -  |
| 03                                                                                              | -                  | -                | -               | -             | 4            | 23            | 43             | 25             | 5              | -              | -              | -  |
| 04                                                                                              | -                  | -                | -               | -             | 3            | 23            | 45             | 23             | 6              | -              | -              | -  |
| 05                                                                                              | -                  | -                | -               | -             | 3            | 21            | 48             | 21             | 6              | -              | -              | -  |
| 06                                                                                              | -                  | -                | -               | -             | 4            | 21            | 51             | 20             | 4              | -              | -              | -  |
| 07                                                                                              | -                  | -                | -               | -             | 5            | 27            | 48             | 18             | 2              | -              | -              | -  |
| 08                                                                                              | -                  | -                | -               | -             | 5            | 30            | 51             | 13             | 1              | -              | -              | -  |
| 09                                                                                              | -                  | -                | -               | -             | 7            | 42            | 40             | 11             | 1              | -              | -              | -  |
| 10                                                                                              | -                  | -                | -               | -             | 8            | 51            | 34             | 7              | -              | -              | -              | -  |
| 11                                                                                              | -                  | -                | -               | -             | 13           | 50            | 34             | 3              | -              | -              | -              | -  |
| 12                                                                                              | -                  | -                | -               | -             | 15           | 53            | 30             | 1              | -              | -              | -              | -  |
| 13                                                                                              | -                  | -                | -               | 1             | 19           | 49            | 29             | 1              | -              | -              | -              | -  |
| 14                                                                                              | -                  | -                | -               | 1             | 21           | 49            | 28             | 1              | -              | -              | -              | -  |
| 15                                                                                              | -                  | -                | -               | 1             | 25           | 51            | 22             | 1              | -              | -              | -              | -  |
| 16                                                                                              | -                  | -                | -               | 1             | 27           | 53            | 18             | 1              | -              | -              | -              | -  |
| 17                                                                                              | -                  | -                | -               | 1             | 29           | 53            | 17             | -              | -              | -              | -              | -  |
| 18                                                                                              | -                  | -                | -               | 1             | 33           | 49            | 17             | -              | -              | -              | -              | -  |
| 19                                                                                              | -                  | -                | -               | 1             | 35           | 47            | 17             | -              | -              | -              | -              | -  |
| 20                                                                                              | -                  | -                | -               | 2             | 36           | 47            | 14             | 1              | -              | -              | -              | -  |
| 21                                                                                              | -                  | -                | -               | 1             | 31           | 51            | 17             | 1              | -              | -              | -              | -  |
| 22                                                                                              | -                  | -                | -               | -             | 16           | 54            | 27             | 3              | -              | -              | -              | -  |
| 23                                                                                              | -                  | -                | -               | -             | 9            | 42            | 41             | 7              | 1              | -              | -              | -  |
| MEAN                                                                                            | -                  | -                | -               | 0             | 15           | 40            | 34             | 8              | 2              | 0              | -              | -  |

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

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT MONTH: MAY

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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             | 23             | 45             | 26             | 1              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | 3             | 22             | 40             | 31             | 4              | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | 3             | 20             | 37             | 34             | 6              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | 3             | 18             | 42             | 30             | 7              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | 4             | 17             | 41             | 30             | 7              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | 2             | 18             | 46             | 28             | 5              | 1              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | 3             | 19             | 50             | 23             | 5              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | 3             | 22             | 50             | 23             | 3              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | 3             | 23             | 54             | 18             | 2              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | 3             | 32             | 48             | 15             | 1              | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | 5             | 41             | 44             | 10             | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | 7             | 48             | 38             | 6              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | 11            | 47             | 37             | 5              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | 12            | 46             | 37             | 4              | -              | -              | -  |
| 14                                                                                           | -               | -                | -               | -             | -            | 14            | 52             | 33             | 2              | -              | -              | -  |
| 15                                                                                           | -               | -                | -               | -             | -            | 14            | 55             | 30             | 1              | -              | -              | -  |
| 16                                                                                           | -               | -                | -               | -             | 1            | 17            | 57             | 24             | 1              | -              | -              | -  |
| 17                                                                                           | -               | -                | -               | -             | 1            | 23            | 54             | 22             | 1              | -              | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | 1            | 25            | 55             | 19             | 1              | -              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | 1            | 26            | 58             | 15             | -              | -              | -              | -  |
| 20                                                                                           | 0)              | 0)               | 0)              | 0)            | 1)           | 28)           | 53)            | 18)            | 1)             | 0)             | 0)             | 0) |
| 21                                                                                           | 0)              | 0)               | 0)              | 0)            | 1)           | 14)           | 60)            | 25)            | 1)             | 0)             | 0)             | 0) |
| 22                                                                                           | -               | -                | -               | -             | -            | 6             | 47             | 44             | 3              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | 5             | 34             | 48             | 13             | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 10)           | 38)            | 37)            | 13)            | 2)             | 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: SHONAI AIRPORT MONTH: JUN

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 26)            | 63)            | 10)            | 0)             | 0) |
| 01                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 21)            | 62)            | 15)            | 1)             | 0) |
| 02                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 17)            | 58)            | 23)            | 1)             | 0) |
| 03                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 19)            | 59)            | 20)            | 2)             | 0) |
| 04                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 17)            | 61)            | 19)            | 2)             | 0) |
| 05                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 18)            | 62)            | 17)            | 3)             | 0) |
| 06                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 18)            | 63)            | 16)            | 1)             | 0) |
| 07                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 21)            | 64)            | 13)            | 1)             | 0) |
| 08                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 2)             | 28)            | 63)            | 7)             | 0)             | 0) |
| 09                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 2)             | 38)            | 57)            | 3)             | 0)             | 0) |
| 10                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 4)             | 45)            | 48)            | 3)             | 0)             | 0) |
| 11                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 5)             | 55)            | 40)            | 0)             | 0)             | 0) |
| 12                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 5)             | 61)            | 34)            | 0)             | 0)             | 0) |
| 13                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 7)             | 62)            | 30)            | 0)             | 0)             | 0) |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 10)            | 67)            | 24)            | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 10)            | 68)            | 22)            | 0)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 14)            | 69)            | 17)            | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 14)            | 75)            | 11)            | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 19)            | 69)            | 12)            | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 1)            | 19)            | 71)            | 10)            | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 20)            | 71)            | 9)             | 0)             | 0)             | 0) |
| 21                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 7)             | 76)            | 17)            | 0)             | 0)             | 0) |
| 22                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 3)             | 59)            | 38)            | 0)             | 0)             | 0) |
| 23                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 36)            | 60)            | 3)             | 0)             | 0) |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 6)             | 46)            | 41)            | 6)             | 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: SHONAI AIRPORT MONTH: JUL

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 59             | 35             | 3              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 53             | 38             | 6              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 50             | 41             | 7              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 46             | 45             | 6              | 1  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 50             | 44             | 5              | 1  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 47             | 44             | 7              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 45             | 46             | 7              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 48             | 45             | 4              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 55             | 40             | 2              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 61             | 35             | 1              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 70             | 26             | 1              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | -              | 9              | 68             | 22             | 1              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | -             | -              | 13             | 70             | 17             | 1              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | -             | -              | 15             | 72             | 14             | -              | -  |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 18)            | 70)            | 12)            | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 21)            | 70)            | 9)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 26)            | 67)            | 7)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 28)            | 66)            | 6)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 32)            | 64)            | 4)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 1)             | 34)            | 61)            | 4)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 31)            | 67)            | 2)             | 0)             | 0) |
| 21                                                                                           | -               | -                | -               | -             | -            | -             | -              | 21             | 72             | 6              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | -             | -              | 8              | 77             | 15             | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 70             | 26             | 1              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 0)             | 12)            | 62)            | 24)            | 2)             | 0) |

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

AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT MONTH: AUG

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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              | 27             | 65             | 8              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 19             | 62             | 19             | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 15             | 58             | 27             | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 12             | 61             | 28             | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 10             | 65             | 25             | 1  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 12             | 65             | 22             | 1  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 15             | 67             | 17             | 1  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | -              | -              | 18             | 69             | 13             | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 21             | 70             | 8              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 30             | 67             | 2              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | -              | 2              | 41             | 57             | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | -              | 3              | 48             | 48             | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | -             | -              | 5              | 55             | 40             | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | -             | -              | 8              | 59             | 33             | -              | -  |
| 14                                                                                           | -               | -                | -               | -             | -            | -             | -              | 8              | 67             | 25             | -              | -  |
| 15                                                                                           | -               | -                | -               | -             | -            | -             | -              | 9              | 74             | 17             | -              | -  |
| 16                                                                                           | -               | -                | -               | -             | -            | -             | -              | 12             | 74             | 14             | -              | -  |
| 17                                                                                           | -               | -                | -               | -             | -            | -             | -              | 14             | 74             | 12             | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | -            | -             | -              | 16             | 73             | 11             | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | -            | -             | -              | 15             | 74             | 10             | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | -            | -             | -              | 21             | 71             | 8              | -              | -  |
| 21                                                                                           | -               | -                | -               | -             | -            | -             | -              | 12             | 74             | 14             | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | -             | -              | 5              | 54             | 41             | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | -              | 1              | 39             | 60             | -              | -  |
| MEAN                                                                                         | -               | -                | -               | -             | -            | -             | -              | 6              | 44             | 43             | 7              | 0  |

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

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT MONTH: SEP

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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             | 59             | 21             | 2              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | -              | 10             | 62             | 23             | 5              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | -              | 7              | 57             | 27             | 8              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | -              | 5              | 61             | 23             | 10             | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | -             | -              | 6              | 57             | 27             | 10             | 1  |
| 05                                                                                           | -               | -                | -               | -             | -            | -             | -              | 7              | 61             | 23             | 9              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | -             | -              | 8              | 63             | 22             | 7              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | -             | -              | 9              | 65             | 21             | 5              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | -             | -              | 12             | 70             | 16             | 2              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | -             | -              | 25             | 59             | 15             | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | -             | 1              | 35             | 54             | 11             | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | -             | 2              | 42             | 47             | 9              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | -             | 2              | 47             | 43             | 7              | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | -             | 7              | 45             | 42             | 6              | -              | -  |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 9)             | 49)            | 38)            | 4)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 10)            | 49)            | 39)            | 2)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 9)             | 49)            | 39)            | 3)             | 0)             | 0) |
| 17                                                                                           | -               | -                | -               | -             | -            | -             | 14             | 48             | 35             | 3              | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | -            | -             | 15             | 51             | 32             | 3              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | -            | -             | 15             | 53             | 32             | -              | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | -            | 1             | 15             | 56             | 29             | -              | -              | -  |
| 21                                                                                           | -               | -                | -               | -             | -            | -             | 14             | 53             | 32             | 1              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | -            | -             | 8              | 45             | 39             | 7              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | -             | -              | 37             | 49             | 14             | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 0)           | 0)            | 5)             | 32)            | 49)            | 12)            | 2)             | 0) |

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

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT MONTH: OCT

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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             | 37             | 48             | 14             | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | -            | -             | 25             | 57             | 17             | 1              | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | -            | -             | 19             | 59             | 21             | 1              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | -            | -             | 15             | 59             | 24             | 1              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | -            | 1             | 17             | 56             | 25             | 1              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | -            | 1             | 18             | 53             | 26             | 1              | -              | -  |
| 06                                                                                           | -               | -                | -               | -             | -            | 1             | 22             | 54             | 23             | 1              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | -            | 1             | 28             | 52             | 19             | 1              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | -            | 2             | 35             | 48             | 14             | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | -            | 3             | 43             | 46             | 7              | 1              | -              | -  |
| 10                                                                                           | -               | -                | -               | -             | -            | 6             | 50             | 39             | 5              | 1              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | -            | 9             | 48             | 38             | 5              | 1              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | -            | 14            | 50             | 30             | 6              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | -            | 16            | 47             | 32             | 5              | -              | -              | -  |
| 14                                                                                           | -               | -                | -               | -             | -            | 19            | 43             | 32             | 6              | -              | -              | -  |
| 15                                                                                           | -               | -                | -               | -             | -            | 19            | 48             | 25             | 8              | -              | -              | -  |
| 16                                                                                           | -               | -                | -               | -             | 2            | 19            | 45             | 29             | 6              | -              | -              | -  |
| 17                                                                                           | -               | -                | -               | -             | 1            | 20            | 47             | 25             | 6              | -              | -              | -  |
| 18                                                                                           | -               | -                | -               | -             | 1            | 23            | 42             | 28             | 6              | -              | -              | -  |
| 19                                                                                           | -               | -                | -               | -             | 1            | 25            | 41             | 27             | 6              | -              | -              | -  |
| 20                                                                                           | -               | -                | -               | -             | 2            | 26            | 39             | 29             | 4              | -              | -              | -  |
| 21                                                                                           | -               | -                | -               | -             | 3            | 24            | 42             | 28             | 4              | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | -             | 1            | 19            | 49             | 28             | 4              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | -            | 6             | 53             | 32             | 10             | -              | -              | -  |
| MEAN                                                                                         | -               | -                | -               | -             | 0            | 11            | 38             | 40             | 11             | 0              | -              | -  |

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

## AERODROME CLIMATOLOGICAL SUMMARY TABULAR FORM MODEL E

AERODROME: SHONAI AIRPORT MONTH: NOV

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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           | 45            | 39             | 5              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | -             | 7            | 42            | 40             | 11             | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | -             | 5            | 36            | 44             | 14             | 1              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | -             | 5            | 33            | 47             | 15             | 1              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | -             | 5            | 31            | 46             | 17             | 1              | -              | -              | -  |
| 05                                                                                           | -               | -                | -               | -             | 5            | 33            | 44             | 18             | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | -               | -             | 7            | 33            | 46             | 14             | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | -               | -             | 7            | 39            | 45             | 10             | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | -               | -             | 9            | 47            | 39             | 5              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | -             | 10           | 50            | 36             | 4              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | -               | 1             | 12           | 49            | 35             | 3              | -              | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | -             | 17           | 51            | 29             | 3              | -              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | -             | 18           | 53            | 27             | 1              | -              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | -             | 18           | 53            | 28             | 1              | -              | -              | -              | -  |
| 14                                                                                           | 0)              | 0)               | 0)              | 0)            | 22)          | 53)           | 24)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 0)            | 24)          | 51)           | 25)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 1)            | 19)          | 51)           | 29)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 1)            | 19)          | 49)           | 31)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 1)            | 23)          | 47)           | 30)            | 0)             | 0)             | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 1)            | 23)          | 47)           | 28)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 0)            | 25)          | 48)           | 27)            | 1)             | 0)             | 0)             | 0)             | 0) |
| 21                                                                                           | -               | -                | -               | -             | 19           | 55            | 26             | 1              | -              | -              | -              | -  |
| 22                                                                                           | -               | -                | -               | 1             | 21           | 50            | 27             | 1              | -              | -              | -              | -  |
| 23                                                                                           | -               | -                | -               | -             | 15           | 53            | 29             | 3              | -              | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 0)            | 14)          | 46)           | 34)            | 5)             | 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: SHONAI AIRPORT MONTH: DEC

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                           | -               | -                | -               | 7             | 57           | 33            | 3              | -              | -              | -              | -              | -  |
| 01                                                                                           | -               | -                | -               | 6             | 50           | 40            | 5              | -              | -              | -              | -              | -  |
| 02                                                                                           | -               | -                | -               | 3             | 47           | 42            | 7              | 1              | -              | -              | -              | -  |
| 03                                                                                           | -               | -                | -               | 5             | 49           | 37            | 9              | 1              | -              | -              | -              | -  |
| 04                                                                                           | -               | -                | -               | 2             | 50           | 38            | 10             | -              | -              | -              | -              | -  |
| 05                                                                                           | -               | -                | -               | 2             | 50           | 39            | 9              | 1              | -              | -              | -              | -  |
| 06                                                                                           | -               | -                | -               | 3             | 50           | 38            | 9              | -              | -              | -              | -              | -  |
| 07                                                                                           | -               | -                | -               | 3             | 54           | 39            | 5              | -              | -              | -              | -              | -  |
| 08                                                                                           | -               | -                | -               | 5             | 52           | 38            | 5              | -              | -              | -              | -              | -  |
| 09                                                                                           | -               | -                | -               | 6             | 54           | 35            | 5              | -              | -              | -              | -              | -  |
| 10                                                                                           | -               | -                | -               | 6             | 55           | 34            | 5              | -              | -              | -              | -              | -  |
| 11                                                                                           | -               | -                | -               | 9             | 59           | 30            | 3              | -              | -              | -              | -              | -  |
| 12                                                                                           | -               | -                | -               | 7             | 59           | 32            | 2              | -              | -              | -              | -              | -  |
| 13                                                                                           | -               | -                | -               | 8             | 60           | 30            | 2              | -              | -              | -              | -              | -  |
| 14                                                                                           | -               | -                | -               | 9             | 60           | 28            | 3              | -              | -              | -              | -              | -  |
| 15                                                                                           | -               | -                | -               | 12            | 54           | 30            | 3              | -              | -              | -              | -              | -  |
| 16                                                                                           | 0)              | 0)               | 0)              | 9)            | 59)          | 27)           | 5)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 9)            | 61)          | 25)           | 5)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 11)           | 61)          | 23)           | 5)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 12)           | 60)          | 23)           | 5)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 11)           | 65)          | 21)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 21                                                                                           | 0)              | 0)               | 0)              | 12)           | 62)          | 24)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 22                                                                                           | 0)              | 0)               | 0)              | 10)           | 62)          | 25)           | 3)             | 0)             | 0)             | 0)             | 0)             | 0) |
| 23                                                                                           | -               | -                | -               | 10            | 59           | 28            | 3              | -              | -              | -              | -              | -  |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 7)            | 56)          | 32)           | 5)             | 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: SHONAI AIRPORT [ANNUAL]

PERIOD OF RECORD: 2012-2016

TOTAL NUMBER OF OBSERVATIONS: 24

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                                                           | 0)              | 0)               | 0)              | 6)            | 20)          | 13)           | 14)            | 13)            | 21)            | 11)            | 1)             | 0) |
| 01                                                                                           | 0)              | 0)               | 0)              | 5)            | 19)          | 15)           | 13)            | 14)            | 21)            | 12)            | 3)             | 0) |
| 02                                                                                           | 0)              | 0)               | 0)              | 4)            | 18)          | 15)           | 13)            | 13)            | 20)            | 13)            | 4)             | 0) |
| 03                                                                                           | 0)              | 0)               | 0)              | 4)            | 18)          | 15)           | 13)            | 14)            | 20)            | 13)            | 4)             | 0) |
| 04                                                                                           | 0)              | 0)               | 0)              | 4)            | 17)          | 14)           | 13)            | 14)            | 20)            | 14)            | 3)             | 0) |
| 05                                                                                           | 0)              | 0)               | 0)              | 4)            | 17)          | 15)           | 13)            | 14)            | 20)            | 13)            | 4)             | 0) |
| 06                                                                                           | 0)              | 0)               | 0)              | 4)            | 18)          | 15)           | 14)            | 14)            | 20)            | 13)            | 3)             | 0) |
| 07                                                                                           | 0)              | 0)               | 0)              | 4)            | 19)          | 15)           | 14)            | 14)            | 20)            | 13)            | 2)             | 0) |
| 08                                                                                           | 0)              | 0)               | 0)              | 5)            | 19)          | 16)           | 14)            | 14)            | 20)            | 11)            | 1)             | 0) |
| 09                                                                                           | 0)              | 0)               | 0)              | 5)            | 20)          | 16)           | 14)            | 15)            | 19)            | 10)            | 0)             | 0) |
| 10                                                                                           | 0)              | 0)               | 0)              | 6)            | 21)          | 16)           | 15)            | 15)            | 19)            | 8)             | 0)             | 0) |
| 11                                                                                           | 0)              | 0)               | 0)              | 6)            | 22)          | 16)           | 15)            | 16)            | 18)            | 7)             | 0)             | 0) |
| 12                                                                                           | 0)              | 0)               | 0)              | 6)            | 22)          | 17)           | 14)            | 16)            | 18)            | 5)             | 0)             | 0) |
| 13                                                                                           | 0)              | 0)               | 0)              | 7)            | 23)          | 16)           | 14)            | 17)            | 18)            | 4)             | 0)             | 0) |
| 14                                                                                           | 0)              | 0)               | 0)              | 7)            | 23)          | 17)           | 14)            | 17)            | 17)            | 3)             | 0)             | 0) |
| 15                                                                                           | 0)              | 0)               | 0)              | 8)            | 23)          | 17)           | 15)            | 17)            | 18)            | 2)             | 0)             | 0) |
| 16                                                                                           | 0)              | 0)               | 0)              | 8)            | 24)          | 17)           | 15)            | 17)            | 17)            | 2)             | 0)             | 0) |
| 17                                                                                           | 0)              | 0)               | 0)              | 8)            | 24)          | 17)           | 15)            | 18)            | 16)            | 2)             | 0)             | 0) |
| 18                                                                                           | 0)              | 0)               | 0)              | 8)            | 24)          | 17)           | 16)            | 18)            | 16)            | 1)             | 0)             | 0) |
| 19                                                                                           | 0)              | 0)               | 0)              | 9)            | 24)          | 17)           | 15)            | 18)            | 15)            | 1)             | 0)             | 0) |
| 20                                                                                           | 0)              | 0)               | 0)              | 9)            | 24)          | 17)           | 14)            | 19)            | 15)            | 1)             | 0)             | 0) |
| 21                                                                                           | 0)              | 0)               | 0)              | 9)            | 23)          | 17)           | 14)            | 18)            | 17)            | 2)             | 0)             | 0) |
| 22                                                                                           | 0)              | 0)               | 0)              | 9)            | 21)          | 16)           | 14)            | 16)            | 18)            | 5)             | 0)             | 0) |
| 23                                                                                           | 0)              | 0)               | 0)              | 7)            | 21)          | 15)           | 14)            | 14)            | 20)            | 9)             | 0)             | 0) |
| MEAN                                                                                         | 0)              | 0)               | 0)              | 6)            | 21)          | 16)           | 14)            | 16)            | 18)            | 7)             | 1)             | 0) |

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

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

| MONTHLY MEAN                           |        |       |        |       |       |       |       |       |       |       |       |       |         |
|----------------------------------------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
|                                        | JAN    | FEB   | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN     |
| Daily mean air temperature(°C)         | 1.3    | 1.2   | 4.8    | 9.5   | 15.4  | 19.9  | 23.4  | 25.1  | 21.2  | 15.0  | 9.1   | 4.1   | 12.5    |
| Daily maximum air temperature(°C)      | 3.8    | 4.1   | 8.9    | 14.5  | 20.2  | 24.3  | 27.1  | 29.5  | 25.7  | 19.4  | 13.0  | 7.3   | 16.5    |
| Daily minimum air temperature(°C)      | -1.5   | -2.0  | 0.6    | 4.4   | 10.6  | 15.9  | 20.1  | 21.3  | 17.2  | 10.4  | 4.8   | 0.8   | 8.6     |
| MONTHLY TOTAL                          |        |       |        |       |       |       |       |       |       |       |       |       |         |
|                                        | JAN    | FEB   | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN     |
| Precipitation (mm)                     | 67.0   | 43.1  | 105.1) | 91.4) | 77.4  | 62.8  | 227.8 | 139.0 | 136.4 | 182.4 | 227.2 | 156.8 | 1625.9) |
| Snow fall(cm)                          |        |       |        |       |       |       |       |       |       |       |       |       |         |
| EXTREMES                               |        |       |        |       |       |       |       |       |       |       |       |       |         |
|                                        | JAN    | FEB   | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN     |
| Daily minimum air pressure(hPa)        | 989.7* | 990.9 | 986.5  | 974.6 | 987.1 | 986.2 | 986.7 | 978.5 | 982.7 | 986.6 | 993.7 | 987.3 | 974.6   |
| Daily maximum air temperature(°C)      | 15.3   | 16.5  | 20.4   | 27.9  | 30.9  | 34.2  | 37.1  | 36.4  | 35.6  | 29.2  | 22.7  | 17.5  | 37.1    |
| Daily minimum air temperature(°C)      | -7.8   | -8.1  | -5.2   | -1.9  | 2.7   | 9.4   | 14.6  | 16.6  | 9.0   | 1.7   | -1.7  | -4.9  | -8.1    |
| Daily precipitation(mm)                | 34.0   | 15.5  | 34.5   | 31.0  | 22.5  | 34.0  | 102.5 | 71.0  | 37.0  | 66.0  | 71.0  | 38.0  | 102.5   |
| Daily max.one-hour precipitation(mm)   | 10.0   | 6.5   | 7.0*   | 9.5   | 10.0* | 14.5  | 44.0  | 32.0  | 20.0  | 57.0  | 13.5  | 9.5   | 57.0    |
| Daily max.ten-minute precipitation(mm) | 6.0    | 2.5   | 3.0    | 2.5   | 6.5   | 5.5   | 12.0  | 13.5  | 12.5  | 14.0  | 10.0  | 3.5*  | 14.0    |
| Daily totals of snowfall(cm)           |        |       |        |       |       |       |       |       |       |       |       |       |         |
| Daily maximum of snow cover(cm)        | 33     | 52    | 7      | -     | -     | -     | -     | -     | -     | -     | 1     | 20    | 52      |
| Daily maximum wind speed(kt)           | 39 *   | 45    | 45 *   | 59    | 32    | 38    | 27    | 34    | 31    | 31    | 40 *  | 44    | 59      |
| with wind direction(36DIR.)            | 27     | 24    | 27     | 23    | 26    | 9     | 25    | 25    | 9     | 25    | 26    | 24    | 23      |
| Daily maximum peak gust(kt)            | 54     | 76    | 58 *   | 73    | 46    | 53    | 38 *  | 48    | 48    | 44 *  | 53    | 63    | 76      |
| with wind direction(36DIR.)            | 26     | 24    | 27     | 23    | 26    | 9     | 26    | 26    | 33    | 28    | 25    | 24    | 24      |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

| NUMBER OF DAYS IN THE MONTH WITH PARAMETERS BEYOND CERTAIN THRESHOLDS |      |      |       |       |      |      |      |      |      |      |      |      |        |
|-----------------------------------------------------------------------|------|------|-------|-------|------|------|------|------|------|------|------|------|--------|
|                                                                       | JAN  | FEB  | MAR   | APR   | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANN    |
| Daily minimum air temperature < 0.0°C                                 | 23.8 | 22.2 | 12.2  | 1.8   | -    | -    | -    | -    | -    | -    | 1.0  | 11.8 | 72.8   |
| 25.0°C                                                                | -    | -    | -     | -     | -    | -    | -    | 0.6  | -    | -    | -    | -    | 0.6    |
| Daily mean air temperature < 0.0°C                                    | 7.6  | 8.2  | 0.6   | -     | -    | -    | -    | -    | -    | -    | -    | 1.0  | 17.4   |
| 25.0°C                                                                | -    | -    | -     | -     | -    | 0.4  | 7.0  | 17.0 | 3.6  | -    | -    | -    | 28.0   |
| Daily maximum air temperature < 0.0°C                                 | 1.2  | 1.6  | -     | -     | -    | -    | -    | -    | -    | -    | -    | 0.2  | 3.0    |
| 25.0°C                                                                | -    | -    | -     | 0.2   | 5.2  | 12.2 | 24.2 | 29.4 | 15.6 | 1.6  | -    | -    | 88.4   |
| 30.0°C                                                                | -    | -    | -     | -     | 0.2  | 1.2  | 6.2  | 12.8 | 4.2  | -    | -    | -    | 24.6   |
| Daily precipitation 0.0mm                                             | 29.6 | 26.4 | 25.0) | 18.8) | 22.4 | 21.4 | 25.4 | 23.4 | 23.4 | 23.6 | 26.2 | 29.2 | 288.8) |
| 1.0mm                                                                 | 14.8 | 11.8 | 13.0) | 11.8) | 10.4 | 9.2  | 12.2 | 9.4  | 12.8 | 16.2 | 20.0 | 19.4 | 167.0) |
| 5.0mm                                                                 | 4.0  | 2.8  | 7.5)  | 5.3)  | 5.8  | 4.2  | 8.0  | 6.2  | 8.8  | 11.0 | 12.8 | 10.2 | 90.8)  |
| 10.0mm                                                                | 1.4  | 0.6  | 4.0)  | 3.0)  | 3.6  | 2.4  | 5.8  | 4.2  | 5.4  | 6.2  | 10.0 | 4.6  | 53.8)  |
| 30.0mm                                                                | 0.2  | -    | 0.5)  | 0.3)  | -    | 0.2  | 3.0  | 1.2  | 0.4  | 1.4  | 1.6  | 0.2  | 10.3)  |
| 50.0mm                                                                | -    | -    | 0.0)  | 0.0)  | -    | -    | 1.2  | 0.4  | -    | 0.4  | 0.2  | -    | 2.8)   |
| 70.0mm                                                                | -    | -    | 0.0)  | 0.0)  | -    | -    | 0.6  | 0.2  | -    | -    | 0.2  | -    | 1.3)   |
| 100.0mm                                                               | -    | -    | 0.0)  | 0.0)  | -    | -    | 0.2  | -    | -    | -    | -    | -    | 0.3)   |

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016  
LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

[illegible]

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

## AIR PRESSURE(hPa) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN    | FEB    | MAR    | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | ANN    |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 00            | 1015.2 | 1015.8 | 1014.2 | 1012.4 | 1009.1 | 1006.3 | 1006.3 | 1006.4 | 1011.4 | 1015.1 | 1015.5 | 1013.9 | 1011.8 |
| 01            | 1015.3 | 1015.8 | 1014.2 | 1012.3 | 1009.0 | 1006.2 | 1006.3 | 1006.4 | 1011.2 | 1014.9 | 1015.5 | 1013.9 | 1011.7 |
| 02            | 1014.8 | 1015.6 | 1013.9 | 1012.0 | 1008.7 | 1006.0 | 1006.2 | 1006.1 | 1010.9 | 1014.6 | 1015.0 | 1013.3 | 1011.4 |
| 03            | 1014.2 | 1015.0 | 1013.5 | 1011.6 | 1008.5 | 1005.8 | 1005.9 | 1005.9 | 1010.5 | 1014.1 | 1014.5 | 1012.7 | 1011.0 |
| 04            | 1013.8 | 1014.5 | 1013.0 | 1011.2 | 1008.2 | 1005.5 | 1005.7 | 1005.7 | 1010.2 | 1013.6 | 1014.1 | 1012.3 | 1010.7 |
| 05            | 1013.8 | 1014.5 | 1012.8 | 1011.0 | 1008.0 | 1005.3 | 1005.6 | 1005.4 | 1010.0 | 1013.5 | 1014.0 | 1012.2 | 1010.5 |
| 06            | 1014.0 | 1014.6 | 1012.7 | 1010.7 | 1007.9 | 1005.2 | 1005.4 | 1005.2 | 1010.0 | 1013.7 | 1014.2 | 1012.5 | 1010.5 |
| 07            | 1014.3 | 1014.8 | 1012.7 | 1010.8 | 1007.9 | 1005.2 | 1005.4 | 1005.3 | 1010.1 | 1013.8 | 1014.4 | 1012.7 | 1010.6 |
| 08            | 1014.5 | 1014.9 | 1012.9 | 1010.8 | 1007.9 | 1005.2 | 1005.3 | 1005.3 | 1010.3 | 1014.0 | 1014.6 | 1012.9 | 1010.8 |
| 09            | 1014.8 | 1015.2 | 1013.2 | 1011.0 | 1008.0 | 1005.4 | 1005.5 | 1005.5 | 1010.5 | 1014.3 | 1014.9 | 1013.2 | 1011.0 |
| 10            | 1014.9 | 1015.3 | 1013.5 | 1011.4 | 1008.3 | 1005.7 | 1005.8 | 1005.8 | 1010.9 | 1014.5 | 1015.1 | 1013.4 | 1011.2 |
| 11            | 1015.0 | 1015.4 | 1013.7 | 1011.8 | 1008.6 | 1006.0 | 1006.1 | 1006.2 | 1011.3 | 1014.6 | 1015.1 | 1013.4 | 1011.4 |
| 12            | 1014.9 | 1015.5 | 1013.8 | 1012.0 | 1008.9 | 1006.3 | 1006.4 | 1006.3 | 1011.3 | 1014.7 | 1015.2 | 1013.4 | 1011.6 |
| 13            | 1014.8 | 1015.4 | 1013.9 | 1011.9 | 1008.8 | 1006.3 | 1006.2 | 1006.1 | 1011.2 | 1014.6 | 1015.0 | 1013.4 | 1011.5 |
| 14            | 1014.7 | 1015.3 | 1013.7 | 1011.8 | 1008.8 | 1006.1 | 1006.1 | 1006.1 | 1011.0 | 1014.4 | 1014.9 | 1013.4 | 1011.4 |
| 15            | 1014.4 | 1015.2 | 1013.7 | 1011.7 | 1008.7 | 1005.8 | 1005.9 | 1005.9 | 1010.9 | 1014.2 | 1014.8 | 1013.0 | 1011.2 |
| 16            | 1014.0 | 1015.3 | 1013.7 | 1011.7 | 1008.5 | 1005.7 | 1005.7 | 1005.7 | 1010.6 | 1014.0 | 1014.8 | 1013.0 | 1011.1 |
| 17            | 1014.1 | 1015.2 | 1013.5 | 1011.5 | 1008.4 | 1005.6 | 1005.5 | 1005.6 | 1010.6 | 1013.9 | 1014.8 | 1013.2 | 1011.0 |
| 18            | 1013.9 | 1015.0 | 1013.3 | 1011.5 | 1008.4 | 1005.6 | 1005.4 | 1005.6 | 1010.5 | 1013.9 | 1014.7 | 1013.1 | 1010.9 |
| 19            | 1013.8 | 1015.0 | 1013.3 | 1011.6 | 1008.5 | 1005.8 | 1005.6 | 1005.6 | 1010.6 | 1014.0 | 1014.7 | 1012.8 | 1011.0 |
| 20            | 1013.9 | 1015.0 | 1013.5 | 1011.7 | 1008.8 | 1006.1 | 1005.9 | 1005.9 | 1010.8 | 1014.3 | 1014.7 | 1012.9 | 1011.1 |
| 21            | 1014.2 | 1015.2 | 1013.7 | 1012.1 | 1009.0 | 1006.2 | 1006.1 | 1006.2 | 1011.1 | 1014.4 | 1014.8 | 1013.1 | 1011.3 |
| 22            | 1014.5 | 1015.5 | 1014.0 | 1012.3 | 1009.2 | 1006.4 | 1006.3 | 1006.3 | 1011.2 | 1014.7 | 1015.1 | 1013.4 | 1011.6 |
| 23            | 1014.9 | 1015.8 | 1014.2 | 1012.3 | 1009.2 | 1006.4 | 1006.4 | 1006.4 | 1011.3 | 1015.0 | 1015.5 | 1013.7 | 1011.8 |
| MEAN          | 1014.5 | 1015.2 | 1013.5 | 1011.6 | 1008.6 | 1005.8 | 1005.9 | 1005.9 | 1010.7 | 1014.3 | 1014.8 | 1013.1 | 1011.2 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

## AIR TEMPERATURE( ) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN | FEB | MAR | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC | ANN  |
|---------------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|------|
| 00            | 1.3 | 1.2 | 5.5 | 11.4 | 17.2 | 21.6 | 24.5 | 26.5 | 22.7 | 16.2 | 9.5  | 4.0 | 13.5 |
| 01            | 1.6 | 1.7 | 6.3 | 12.0 | 18.0 | 22.2 | 25.1 | 27.4 | 23.7 | 17.2 | 10.4 | 4.6 | 14.2 |
| 02            | 1.9 | 2.1 | 6.8 | 12.4 | 18.4 | 22.6 | 25.4 | 27.9 | 24.2 | 17.7 | 10.9 | 5.0 | 14.6 |
| 03            | 2.0 | 2.3 | 7.0 | 12.6 | 18.5 | 22.8 | 25.6 | 28.2 | 24.5 | 17.9 | 11.2 | 5.1 | 14.8 |
| 04            | 2.1 | 2.4 | 7.1 | 12.7 | 18.4 | 22.9 | 25.7 | 28.2 | 24.6 | 17.9 | 11.2 | 5.2 | 14.9 |
| 05            | 2.1 | 2.4 | 6.9 | 12.5 | 18.2 | 22.8 | 25.6 | 28.1 | 24.3 | 17.8 | 11.2 | 5.2 | 14.8 |
| 06            | 2.0 | 2.3 | 6.8 | 12.2 | 17.9 | 22.4 | 25.5 | 27.8 | 24.0 | 17.6 | 10.9 | 5.0 | 14.5 |
| 07            | 1.8 | 2.2 | 6.5 | 11.8 | 17.5 | 21.9 | 25.3 | 27.3 | 23.6 | 17.0 | 10.2 | 4.7 | 14.1 |
| 08            | 1.6 | 1.8 | 6.0 | 11.2 | 17.0 | 21.3 | 24.8 | 26.8 | 22.9 | 16.1 | 9.5  | 4.3 | 13.6 |
| 09            | 1.4 | 1.5 | 5.4 | 10.4 | 16.2 | 20.7 | 24.3 | 26.0 | 22.0 | 15.5 | 9.3  | 4.2 | 13.1 |
| 10            | 1.3 | 1.2 | 5.0 | 9.5  | 15.3 | 19.9 | 23.6 | 25.2 | 21.2 | 14.9 | 9.0  | 4.0 | 12.5 |
| 11            | 1.1 | 1.1 | 4.6 | 8.9  | 14.7 | 19.3 | 23.0 | 24.6 | 20.6 | 14.4 | 8.6  | 3.8 | 12.1 |
| 12            | 1.1 | 0.9 | 4.4 | 8.5  | 14.4 | 18.9 | 22.7 | 24.1 | 20.1 | 14.0 | 8.2  | 3.7 | 11.7 |
| 13            | 1.0 | 0.8 | 3.8 | 8.2  | 14.2 | 18.6 | 22.4 | 23.8 | 19.7 | 13.9 | 8.2  | 3.6 | 11.5 |
| 14            | 0.9 | 0.7 | 3.6 | 7.9  | 13.7 | 18.3 | 22.1 | 23.4 | 19.4 | 13.6 | 8.0  | 3.5 | 11.2 |
| 15            | 0.9 | 0.6 | 3.4 | 7.4  | 13.3 | 18.1 | 21.9 | 23.1 | 19.2 | 13.4 | 7.9  | 3.5 | 11.1 |
| 16            | 0.9 | 0.6 | 3.1 | 7.0  | 12.9 | 17.6 | 21.5 | 22.8 | 19.1 | 13.4 | 8.0  | 3.6 | 10.9 |
| 17            | 1.0 | 0.5 | 3.0 | 6.8  | 12.7 | 17.3 | 21.3 | 22.6 | 18.9 | 13.2 | 8.1  | 3.6 | 10.8 |
| 18            | 0.9 | 0.4 | 2.9 | 6.5  | 12.3 | 17.1 | 21.1 | 22.5 | 18.7 | 13.1 | 7.8  | 3.5 | 10.6 |
| 19            | 0.9 | 0.4 | 3.0 | 6.4  | 12.1 | 16.8 | 20.9 | 22.4 | 18.6 | 12.9 | 7.7  | 3.5 | 10.5 |
| 20            | 0.9 | 0.3 | 2.9 | 6.3  | 12.3 | 17.0 | 20.9 | 22.1 | 18.4 | 12.7 | 7.7  | 3.4 | 10.4 |
| 21            | 0.9 | 0.3 | 3.0 | 6.8  | 13.2 | 18.1 | 21.7 | 22.8 | 18.6 | 12.7 | 7.8  | 3.3 | 10.8 |
| 22            | 0.9 | 0.4 | 3.5 | 8.3  | 14.6 | 19.3 | 22.7 | 24.0 | 19.8 | 13.3 | 7.8  | 3.4 | 11.5 |
| 23            | 1.0 | 0.7 | 4.5 | 10.0 | 15.9 | 20.6 | 23.7 | 25.5 | 21.2 | 14.8 | 8.6  | 3.6 | 12.5 |
| MEAN          | 1.3 | 1.2 | 4.8 | 9.5  | 15.3 | 20.0 | 23.4 | 25.1 | 21.3 | 15.0 | 9.0  | 4.1 | 12.5 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

## VAPOR PRESSURE(hPa) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN | FEB | MAR | APR | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV | DEC | ANN  |
|---------------|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|------|
| 00            | 4.7 | 4.5 | 5.9 | 7.9 | 12.1 | 16.5 | 22.0 | 23.6 | 18.9 | 12.1 | 8.5 | 5.9 | 11.9 |
| 01            | 4.7 | 4.6 | 5.9 | 8.0 | 12.2 | 16.6 | 22.2 | 23.8 | 18.8 | 12.0 | 8.6 | 6.0 | 11.9 |
| 02            | 4.7 | 4.6 | 6.0 | 8.0 | 12.3 | 16.7 | 22.2 | 23.9 | 18.6 | 11.9 | 8.6 | 6.1 | 12.0 |
| 03            | 4.7 | 4.6 | 6.0 | 8.1 | 12.4 | 16.7 | 22.4 | 24.0 | 18.6 | 11.8 | 8.5 | 6.1 | 12.0 |
| 04            | 4.7 | 4.6 | 6.0 | 8.2 | 12.5 | 16.9 | 22.5 | 24.1 | 18.6 | 11.9 | 8.5 | 6.1 | 12.1 |
| 05            | 4.8 | 4.6 | 6.0 | 8.2 | 12.6 | 16.8 | 22.5 | 24.1 | 18.7 | 11.8 | 8.5 | 6.0 | 12.1 |
| 06            | 4.8 | 4.6 | 6.1 | 8.3 | 12.5 | 16.8 | 22.4 | 24.1 | 18.7 | 11.9 | 8.5 | 6.0 | 12.1 |
| 07            | 4.8 | 4.6 | 6.1 | 8.2 | 12.7 | 16.9 | 22.4 | 24.1 | 18.8 | 12.1 | 8.6 | 6.1 | 12.1 |
| 08            | 4.8 | 4.6 | 6.1 | 8.2 | 12.5 | 16.9 | 22.4 | 24.0 | 18.7 | 12.0 | 8.5 | 6.0 | 12.1 |
| 09            | 4.7 | 4.7 | 6.1 | 8.3 | 12.5 | 16.9 | 22.4 | 23.9 | 18.8 | 12.0 | 8.4 | 6.0 | 12.1 |
| 10            | 4.6 | 4.7 | 6.0 | 8.2 | 12.4 | 16.9 | 22.3 | 23.9 | 18.7 | 11.9 | 8.3 | 6.0 | 12.0 |
| 11            | 4.7 | 4.6 | 6.0 | 8.2 | 12.5 | 16.8 | 22.4 | 23.8 | 18.6 | 11.8 | 8.3 | 6.0 | 12.0 |
| 12            | 4.7 | 4.6 | 5.9 | 8.2 | 12.3 | 16.6 | 22.2 | 23.6 | 18.5 | 11.8 | 8.2 | 5.9 | 11.9 |
| 13            | 4.6 | 4.6 | 5.8 | 8.1 | 12.2 | 16.6 | 22.1 | 23.6 | 18.4 | 11.7 | 8.2 | 5.9 | 11.8 |
| 14            | 4.6 | 4.6 | 5.8 | 8.0 | 12.1 | 16.5 | 22.0 | 23.4 | 18.2 | 11.6 | 8.2 | 5.9 | 11.7 |
| 15            | 4.6 | 4.5 | 5.8 | 7.8 | 11.9 | 16.4 | 21.9 | 23.2 | 18.1 | 11.6 | 8.1 | 5.8 | 11.6 |
| 16            | 4.6 | 4.5 | 5.6 | 7.6 | 11.6 | 16.0 | 21.5 | 23.1 | 18.1 | 11.7 | 8.2 | 5.9 | 11.5 |
| 17            | 4.6 | 4.5 | 5.6 | 7.5 | 11.5 | 15.9 | 21.4 | 22.9 | 18.0 | 11.6 | 8.0 | 5.8 | 11.4 |
| 18            | 4.6 | 4.5 | 5.5 | 7.4 | 11.3 | 15.8 | 21.2 | 22.8 | 17.8 | 11.5 | 8.0 | 5.7 | 11.4 |
| 19            | 4.7 | 4.5 | 5.4 | 7.3 | 11.2 | 15.7 | 21.2 | 22.6 | 17.7 | 11.5 | 8.0 | 5.7 | 11.3 |
| 20            | 4.6 | 4.5 | 5.4 | 7.3 | 11.2 | 15.8 | 21.1 | 22.5 | 17.6 | 11.4 | 7.9 | 5.8 | 11.3 |
| 21            | 4.6 | 4.5 | 5.4 | 7.5 | 11.6 | 16.1 | 21.5 | 22.8 | 17.8 | 11.4 | 8.0 | 5.7 | 11.4 |
| 22            | 4.6 | 4.5 | 5.6 | 7.8 | 11.8 | 16.3 | 21.8 | 23.3 | 18.3 | 11.6 | 8.1 | 5.7 | 11.6 |
| 23            | 4.6 | 4.5 | 5.8 | 8.0 | 11.9 | 16.4 | 21.9 | 23.6 | 18.8 | 12.1 | 8.2 | 5.8 | 11.8 |
| MEAN          | 4.7 | 4.6 | 5.8 | 7.9 | 12.1 | 16.5 | 22.0 | 23.5 | 18.4 | 11.8 | 8.3 | 5.9 | 11.8 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

| RELATIVE HUMIDITY (%) AT SPECIFIED TIMES |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| TIME<br>(UTC)                            | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
| 00                                       | 69  | 67  | 65  | 59  | 62  | 64  | 72  | 68  | 68  | 65  | 70  | 71  | 67  |
| 01                                       | 69  | 65  | 61  | 57  | 60  | 63  | 70  | 65  | 64  | 60  | 67  | 70  | 65  |
| 02                                       | 67  | 64  | 59  | 56  | 60  | 61  | 69  | 64  | 62  | 58  | 65  | 68  | 63  |
| 03                                       | 66  | 63  | 59  | 55  | 59  | 61  | 69  | 63  | 61  | 57  | 63  | 68  | 62  |
| 04                                       | 66  | 62  | 59  | 56  | 60  | 61  | 69  | 63  | 60  | 57  | 63  | 67  | 62  |
| 05                                       | 66  | 63  | 60  | 57  | 61  | 61  | 69  | 64  | 62  | 57  | 63  | 67  | 63  |
| 06                                       | 68  | 64  | 60  | 58  | 62  | 63  | 69  | 65  | 62  | 59  | 64  | 68  | 64  |
| 07                                       | 68  | 64  | 62  | 59  | 64  | 65  | 70  | 67  | 64  | 61  | 67  | 70  | 65  |
| 08                                       | 69  | 66  | 64  | 61  | 65  | 67  | 72  | 68  | 66  | 64  | 70  | 70  | 67  |
| 09                                       | 70  | 67  | 66  | 64  | 68  | 70  | 74  | 71  | 70  | 67  | 70  | 72  | 69  |
| 10                                       | 69  | 68  | 67  | 68  | 71  | 73  | 76  | 74  | 73  | 69  | 71  | 72  | 71  |
| 11                                       | 70  | 69  | 69  | 70  | 74  | 75  | 79  | 76  | 76  | 70  | 73  | 74  | 73  |
| 12                                       | 69  | 69  | 69  | 72  | 75  | 75  | 80  | 78  | 78  | 72  | 74  | 74  | 74  |
| 13                                       | 70  | 70  | 71  | 73  | 76  | 77  | 81  | 80  | 79  | 72  | 74  | 73  | 75  |
| 14                                       | 70  | 70  | 71  | 74  | 76  | 78  | 83  | 81  | 80  | 73  | 75  | 74  | 76  |
| 15                                       | 70  | 70  | 73  | 74  | 77  | 79  | 83  | 82  | 80  | 74  | 75  | 73  | 76  |
| 16                                       | 70  | 69  | 73  | 74  | 78  | 79  | 83  | 83  | 81  | 75  | 75  | 73  | 76  |
| 17                                       | 70  | 71  | 72  | 74  | 78  | 80  | 84  | 83  | 81  | 75  | 74  | 73  | 76  |
| 18                                       | 70  | 70  | 72  | 75  | 78  | 80  | 84  | 83  | 82  | 75  | 74  | 72  | 76  |
| 19                                       | 71  | 70  | 71  | 75  | 78  | 81  | 85  | 83  | 82  | 76  | 75  | 72  | 76  |
| 20                                       | 70  | 71  | 71  | 76  | 78  | 81  | 85  | 84  | 82  | 76  | 74  | 72  | 77  |
| 21                                       | 70  | 71  | 71  | 75  | 75  | 77  | 83  | 82  | 82  | 76  | 74  | 73  | 76  |
| 22                                       | 70  | 71  | 70  | 70  | 70  | 72  | 79  | 78  | 79  | 75  | 75  | 73  | 73  |
| 23                                       | 70  | 69  | 68  | 65  | 66  | 68  | 75  | 72  | 73  | 70  | 73  | 72  | 70  |
| MEAN                                     | 69  | 67  | 67  | 67  | 70  | 71  | 77  | 74  | 73  | 68  | 71  | 71  | 70  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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            | 29   | 30  | 27   | 10   | 9    | 8 )  | 9    | 9    | 9   | 9    | 10  | 29   | 9 )  |
| 01            | 29 * | 31  | 28   | 8 *  | 24   | 9 )  | 26   | 9 *  | 9   | 9    | 9   | 28   | 9 )  |
| 02            | 29   | 29  | 28   | 24 * | 26   | 9 )  | 26   | 28   | 8   | 9    | 8   | 29   | 9 )  |
| 03            | 28   | 29  | 27 * | 24   | 25   | 9 )  | 27   | 28   | 8   | 9    | 29  | 29   | 28 ) |
| 04            | 28   | 29  | 27   | 25   | 25   | 9 )  | 26   | 27   | 9   | 9    | 29  | 29   | 28 ) |
| 05            | 29   | 28  | 28   | 25   | 26   | 32 ) | 26   | 9    | 9   | 33   | 29  | 28 * | 29 ) |
| 06            | 28   | 30  | 29   | 26   | 26   | 9 )  | 24   | 28   | 9   | 28   | 29  | 29   | 29 ) |
| 07            | 29   | 29  | 27 * | 9    | 26   | 9 )  | 9    | 31   | 9   | 29   | 9   | 28 * | 28 ) |
| 08            | 29   | 29  | 28   | 9    | 25   | 34 ) | 32   | 9    | 9   | 10   | 9   | 29   | 29 ) |
| 09            | 29   | 29  | 28 * | 10   | 24   | 34 ) | 26   | 27   | 10  | 9 *  | 9   | 28   | 28 ) |
| 10            | 29   | 29  | 27   | 10   | 25 * | 10 ) | 8 *  | 10   | 10  | 10   | 9   | 28   | 10 ) |
| 11            | 28   | 29  | 27   | 10   | 10   | 10 ) | 8    | 10   | 9   | 8    | 9   | 28   | 9 )  |
| 12            | 28   | 29  | 27   | 9    | 10   | 9 )  | 9    | 10   | 9   | 10   | 10  | 29   | 10 ) |
| 13            | 30   | 28  | 28   | 9    | 9    | 9 )  | 10   | 9    | 8   | 9    | 9   | 29   | 9 )  |
| 14            | 29   | 28  | 9 )  | 10   | 9    | 9 )  | 10 ) | 9    | 9 ) | 10 * | 9 ) | 29   | 9 )  |
| 15            | 28   | 30  | 9 )  | 9    | 9    | 9 )  | 9 )  | 9    | 9 ) | 10   | 9 ) | 29   | 9 )  |
| 16            | 29   | 30  | 9 )  | 9    | 9    | 9 )  | 9 )  | 9    | 9 ) | 9    | 9 ) | 28 ) | 9 )  |
| 17            | 28   | 30  | 9 )  | 9    | 9    | 9 )  | 9 )  | 9    | 9   | 9    | 9 ) | 29 ) | 9 )  |
| 18            | 29   | 29  | 9 )  | 9    | 9    | 9 )  | 9 )  | 9    | 9   | 10   | 9 ) | 29 ) | 9 )  |
| 19            | 29   | 29  | 9 )  | 9    | 9    | 9 )  | 9 )  | 9    | 9   | 9    | 9 ) | 29 ) | 9 )  |
| 20            | 29   | 29  | 9 )  | 9    | 10   | 9 )  | 9 )  | 9    | 9   | 9    | 9 ) | 29 ) | 9 )  |
| 21            | 30   | 30  | 9    | 9    | 9    | 9 )  | 9    | 9    | 9   | 9    | 9   | 29   | 9 )  |
| 22            | 29 * | 30  | 9    | 9    | 9    | 9 )  | 9    | 10 * | 9 * | 9    | 10  | 28   | 9 )  |
| 23            | 30 * | 29  | 27   | 9    | 9    | 9 )  | 9    | 9    | 10  | 10   | 9 * | 29   | 9 )  |
| ALL           | 29   | 29  | 27 ) | 9    | 9    | 9 )  | 9 )  | 9    | 9 ) | 9    | 9 ) | 29 ) | 9 )  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 ft

## WIND SPEED(kt) AT SPECIFIED TIMES

| TIME<br>(UTC) | JAN  | FEB  | MAR  | APR  | MAY  | JUN | JUL | AUG | SEP | OCT | NOV  | DEC  | ANN  |
|---------------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|
| 00            | 11.8 | 11.5 | 10.6 | 9.9  | 9.1  | 8.6 | 7.3 | 7.1 | 7.8 | 8.9 | 9.9  | 11.5 | 9.5  |
| 01            | 12.1 | 11.5 | 10.8 | 10.5 | 9.9  | 9.2 | 7.9 | 7.7 | 8.2 | 9.3 | 10.4 | 11.8 | 9.9  |
| 02            | 12.2 | 11.2 | 11.5 | 10.8 | 10.3 | 9.5 | 8.3 | 8.4 | 8.4 | 9.2 | 10.3 | 12.1 | 10.2 |
| 03            | 12.5 | 11.4 | 11.8 | 11.3 | 10.8 | 9.7 | 8.7 | 9.0 | 8.9 | 9.4 | 10.5 | 12.2 | 10.5 |
| 04            | 12.3 | 11.4 | 12.1 | 11.0 | 10.8 | 9.7 | 8.6 | 9.2 | 9.1 | 9.2 | 10.5 | 12.2 | 10.5 |
| 05            | 12.1 | 11.4 | 11.6 | 11.0 | 10.5 | 9.6 | 8.7 | 9.1 | 8.9 | 9.4 | 10.5 | 12.3 | 10.4 |
| 06            | 12.1 | 11.4 | 11.5 | 10.9 | 9.7  | 9.3 | 8.2 | 8.6 | 8.4 | 9.2 | 9.8  | 12.3 | 10.1 |
| 07            | 11.5 | 11.2 | 11.1 | 10.3 | 8.9  | 9.0 | 7.6 | 7.9 | 7.9 | 8.5 | 9.4  | 11.4 | 9.6  |
| 08            | 11.3 | 10.8 | 10.1 | 9.3  | 8.1  | 8.1 | 7.0 | 7.1 | 7.2 | 7.9 | 9.0  | 11.4 | 8.9  |
| 09            | 11.3 | 10.4 | 9.5  | 8.5  | 7.6  | 7.3 | 6.2 | 6.2 | 6.4 | 7.5 | 8.9  | 11.2 | 8.5  |
| 10            | 11.4 | 10.6 | 9.1  | 7.9  | 6.9  | 6.4 | 5.5 | 5.5 | 6.4 | 7.9 | 9.3  | 11.3 | 8.2  |
| 11            | 11.4 | 10.7 | 9.3  | 7.8  | 7.0  | 6.5 | 5.5 | 5.5 | 6.7 | 8.0 | 9.4  | 11.8 | 8.3  |
| 12            | 11.5 | 10.9 | 9.7  | 8.3  | 7.3  | 6.8 | 5.6 | 5.7 | 7.0 | 8.1 | 9.5  | 11.1 | 8.5  |
| 13            | 11.4 | 11.0 | 9.7  | 8.7  | 7.7  | 7.0 | 5.8 | 6.1 | 7.2 | 8.4 | 9.9  | 11.2 | 8.7  |
| 14            | 11.5 | 10.9 | 9.6  | 8.8  | 7.9  | 7.4 | 6.0 | 6.1 | 7.5 | 8.2 | 10.0 | 11.7 | 8.8  |
| 15            | 11.7 | 11.1 | 9.7  | 9.1  | 7.7  | 7.4 | 5.9 | 6.0 | 7.6 | 8.4 | 10.1 | 12.1 | 8.9  |
| 16            | 11.8 | 10.9 | 9.7  | 9.5  | 8.1  | 7.5 | 6.2 | 6.0 | 7.2 | 8.5 | 10.0 | 12.1 | 9.0  |
| 17            | 11.7 | 11.1 | 9.9  | 9.2  | 7.9  | 7.5 | 6.2 | 5.9 | 7.3 | 8.5 | 10.4 | 11.9 | 9.0  |
| 18            | 12.3 | 11.8 | 10.0 | 9.0  | 7.8  | 7.2 | 6.2 | 6.1 | 7.0 | 8.8 | 10.1 | 12.1 | 9.0  |
| 19            | 12.3 | 11.9 | 9.6  | 9.1  | 7.8  | 7.4 | 6.1 | 6.1 | 7.0 | 8.6 | 10.2 | 12.1 | 9.0  |
| 20            | 12.4 | 11.3 | 10.1 | 9.2  | 8.0  | 7.1 | 6.0 | 5.9 | 6.9 | 8.7 | 10.5 | 12.0 | 9.0  |
| 21            | 12.2 | 11.6 | 9.5  | 9.0  | 7.6  | 7.1 | 6.0 | 6.1 | 6.7 | 8.4 | 10.6 | 11.9 | 8.9  |
| 22            | 12.2 | 11.4 | 10.0 | 8.7  | 8.0  | 7.2 | 6.5 | 6.2 | 7.4 | 8.5 | 9.8  | 11.6 | 9.0  |
| 23            | 12.2 | 11.2 | 10.3 | 9.0  | 8.5  | 7.8 | 6.6 | 6.8 | 7.5 | 8.5 | 9.8  | 11.5 | 9.2  |
| MEAN          | 11.9 | 11.2 | 10.3 | 9.5  | 8.5  | 7.9 | 6.8 | 6.9 | 7.5 | 8.6 | 9.9  | 11.8 | 9.2  |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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  | 5.2  | -0.7 | 0.9  | 3.8  | -2.0 | 2.7  | 6.0  | -1.2 | 7.3  | 12.1 | 2.4  |
| 02                                                             | 2.3  | 5.0  | -0.7 | 0.9  | 3.7  | -2.0 | 2.8  | 6.3  | -1.0 | 7.5  | 12.3 | 2.5  |
| 03                                                             | 2.1  | 4.9  | -0.8 | 0.8  | 3.7  | -2.1 | 3.0  | 6.6  | -0.9 | 7.6  | 12.3 | 2.6  |
| 04                                                             | 2.0  | 4.7  | -0.8 | 0.8  | 3.6  | -2.1 | 3.2  | 6.8  | -0.7 | 7.6  | 12.4 | 2.7  |
| 05                                                             | 1.9  | 4.5  | -0.9 | 0.8  | 3.5  | -2.2 | 3.3  | 7.0  | -0.6 | 7.7  | 12.5 | 2.8  |
| 06                                                             | 1.8  | 4.3  | -1.0 | 0.7  | 3.5  | -2.2 | 3.4  | 7.2  | -0.4 | 7.8  | 12.5 | 2.9  |
| 07                                                             | 1.6  | 4.1  | -1.1 | 0.7  | 3.4  | -2.3 | 3.5  | 7.4  | -0.3 | 7.9  | 12.6 | 3.0  |
| 08                                                             | 1.5  | 3.9  | -1.2 | 0.7  | 3.4  | -2.3 | 3.6  | 7.5  | -0.2 | 7.9  | 12.6 | 3.1  |
| 09                                                             | 1.4  | 3.7  | -1.3 | 0.7  | 3.4  | -2.3 | 3.7  | 7.7  | -0.1 | 8.0  | 12.7 | 3.2  |
| 10                                                             | 1.3  | 3.6  | -1.4 | 0.7  | 3.5  | -2.3 | 3.8  | 7.8  | -0.1 | 8.2  | 12.9 | 3.3  |
| 11                                                             | 1.2  | 3.4  | -1.4 | 0.8  | 3.5  | -2.2 | 3.9  | 8.0  | 0.0  | 8.3  | 13.0 | 3.5  |
| 12                                                             | 1.2  | 3.4  | -1.5 | 0.8  | 3.6  | -2.1 | 4.0  | 8.1  | 0.1  | 8.4  | 13.2 | 3.6  |
| 13                                                             | 1.1  | 3.3  | -1.5 | 0.9  | 3.7  | -2.1 | 4.2  | 8.3  | 0.2  | 8.6  | 13.4 | 3.8  |
| 14                                                             | 1.1  | 3.3  | -1.6 | 1.0  | 3.8  | -2.0 | 4.4  | 8.5  | 0.3  | 8.8  | 13.6 | 3.9  |
| 15                                                             | 1.1  | 3.3  | -1.6 | 1.1  | 4.0  | -1.9 | 4.5  | 8.6  | 0.5  | 9.0  | 13.9 | 4.1  |
| 16                                                             | 1.1  | 3.3  | -1.6 | 1.2  | 4.1  | -1.8 | 4.7  | 8.8  | 0.6  | 9.2  | 14.1 | 4.2  |
| 17                                                             | 1.1  | 3.4  | -1.6 | 1.3  | 4.2  | -1.7 | 4.9  | 9.0  | 0.8  | 9.4  | 14.3 | 4.4  |
| 18                                                             | 1.1  | 3.5  | -1.6 | 1.4  | 4.3  | -1.7 | 5.1  | 9.1  | 0.9  | 9.6  | 14.6 | 4.6  |
| 19                                                             | 1.1  | 3.5  | -1.7 | 1.4  | 4.4  | -1.7 | 5.2  | 9.3  | 1.1  | 9.8  | 14.8 | 4.7  |
| 20                                                             | 1.2  | 3.6  | -1.7 | 1.5  | 4.5  | -1.7 | 5.4  | 9.4  | 1.2  | 10.1 | 15.1 | 4.9  |
| 21                                                             | 1.2  | 3.7  | -1.7 | 1.6  | 4.6  | -1.7 | 5.5  | 9.5  | 1.3  | 10.3 | 15.4 | 5.1  |
| 22                                                             | 1.2  | 3.7  | -1.8 | 1.7  | 4.7  | -1.7 | 5.6  | 9.7  | 1.4  | 10.6 | 15.7 | 5.3  |
| 23                                                             | 1.2  | 3.8  | -1.8 | 1.8  | 4.8  | -1.7 | 5.8  | 9.9  | 1.5  | 10.9 | 16.0 | 5.6  |
| 24                                                             | 1.2  | 3.8  | -1.8 | 1.9  | 5.0  | -1.6 | 5.9  | 10.1 | 1.6  | 11.2 | 16.4 | 5.8  |
| 25                                                             | 1.1  | 3.9  | -1.8 | 2.0  | 5.2  | -1.6 | 6.1  | 10.4 | 1.7  | 11.5 | 16.7 | 6.1  |
| 26                                                             | 1.1  | 3.9  | -1.9 | 2.2  | 5.3  | -1.5 | 6.3  | 10.6 | 1.7  | 11.8 | 17.1 | 6.5  |
| 27                                                             | 1.1  | 3.9  | -1.9 | 2.3  | 5.6  | -1.4 | 6.4  | 10.9 | 1.8  | 12.1 | 17.4 | 6.8  |
| 28                                                             | 1.1  | 3.9  | -1.9 | 2.5  | 5.8  | -1.3 | 6.6  | 11.2 | 1.9  | 12.4 | 17.7 | 7.1  |
| 29                                                             | 1.1  | 3.9  | -1.9 | 2.6  | 5.9  | -1.2 | 6.8  | 11.5 | 2.0  | 12.7 | 17.9 | 7.4  |
| 30                                                             | 1.0  | 3.9  | -1.9 |      |      |      | 7.0  | 11.8 | 2.1  | 12.9 | 18.1 | 7.7  |
| 31                                                             | 1.0  | 3.8  | -1.9 |      |      |      | 7.2  | 12.0 | 2.3  |      |      |      |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                             | 13.1 | 18.2 | 8.0  | 18.3 | 23.2 | 13.5 | 21.6 | 25.6 | 17.8 | 25.7 | 30.0 | 21.9 |
| 02                                                             | 13.2 | 18.4 | 8.2  | 18.5 | 23.3 | 13.6 | 21.7 | 25.6 | 18.0 | 25.8 | 30.0 | 21.9 |
| 03                                                             | 13.4 | 18.4 | 8.4  | 18.6 | 23.4 | 13.8 | 21.8 | 25.7 | 18.2 | 25.8 | 30.1 | 21.9 |
| 04                                                             | 13.4 | 18.5 | 8.5  | 18.8 | 23.6 | 14.1 | 22.0 | 25.7 | 18.5 | 25.8 | 30.1 | 21.9 |
| 05                                                             | 13.5 | 18.5 | 8.6  | 18.9 | 23.7 | 14.3 | 22.1 | 25.8 | 18.7 | 25.8 | 30.1 | 21.9 |
| 06                                                             | 13.6 | 18.5 | 8.7  | 19.1 | 23.9 | 14.6 | 22.2 | 25.8 | 18.9 | 25.7 | 30.0 | 21.8 |
| 07                                                             | 13.6 | 18.5 | 8.8  | 19.3 | 24.0 | 14.9 | 22.3 | 25.9 | 19.1 | 25.7 | 30.0 | 21.8 |
| 08                                                             | 13.7 | 18.6 | 8.9  | 19.5 | 24.1 | 15.2 | 22.4 | 25.9 | 19.2 | 25.6 | 29.9 | 21.7 |
| 09                                                             | 13.8 | 18.6 | 9.0  | 19.7 | 24.3 | 15.5 | 22.5 | 26.0 | 19.4 | 25.5 | 29.8 | 21.6 |
| 10                                                             | 13.9 | 18.8 | 9.1  | 19.9 | 24.4 | 15.7 | 22.6 | 26.1 | 19.5 | 25.4 | 29.8 | 21.5 |
| 11                                                             | 14.0 | 18.9 | 9.3  | 20.0 | 24.5 | 16.0 | 22.8 | 26.2 | 19.6 | 25.4 | 29.7 | 21.5 |
| 12                                                             | 14.2 | 19.0 | 9.5  | 20.1 | 24.5 | 16.2 | 22.9 | 26.3 | 19.8 | 25.3 | 29.7 | 21.4 |
| 13                                                             | 14.4 | 19.2 | 9.6  | 20.2 | 24.5 | 16.4 | 23.0 | 26.5 | 19.8 | 25.3 | 29.7 | 21.4 |
| 14                                                             | 14.5 | 19.4 | 9.8  | 20.3 | 24.5 | 16.6 | 23.1 | 26.6 | 19.9 | 25.3 | 29.7 | 21.4 |
| 15                                                             | 14.7 | 19.6 | 10.0 | 20.3 | 24.5 | 16.7 | 23.1 | 26.7 | 20.0 | 25.3 | 29.7 | 21.4 |
| 16                                                             | 14.9 | 19.8 | 10.2 | 20.3 | 24.4 | 16.7 | 23.2 | 26.8 | 20.0 | 25.2 | 29.7 | 21.4 |
| 17                                                             | 15.2 | 20.0 | 10.4 | 20.3 | 24.3 | 16.8 | 23.3 | 26.9 | 20.1 | 25.2 | 29.7 | 21.4 |
| 18                                                             | 15.4 | 20.3 | 10.6 | 20.3 | 24.2 | 16.8 | 23.4 | 27.1 | 20.2 | 25.2 | 29.7 | 21.4 |
| 19                                                             | 15.6 | 20.5 | 10.8 | 20.2 | 24.2 | 16.7 | 23.5 | 27.2 | 20.2 | 25.2 | 29.6 | 21.3 |
| 20                                                             | 15.8 | 20.7 | 11.1 | 20.2 | 24.2 | 16.7 | 23.6 | 27.4 | 20.3 | 25.1 | 29.6 | 21.3 |
| 21                                                             | 16.1 | 20.9 | 11.3 | 20.3 | 24.2 | 16.7 | 23.7 | 27.6 | 20.4 | 25.0 | 29.5 | 21.2 |
| 22                                                             | 16.4 | 21.2 | 11.5 | 20.3 | 24.3 | 16.6 | 23.9 | 27.8 | 20.5 | 24.9 | 29.4 | 21.1 |
| 23                                                             | 16.6 | 21.5 | 11.8 | 20.4 | 24.4 | 16.7 | 24.1 | 28.0 | 20.7 | 24.8 | 29.2 | 21.0 |
| 24                                                             | 16.9 | 21.7 | 12.0 | 20.5 | 24.5 | 16.7 | 24.3 | 28.3 | 20.8 | 24.7 | 29.1 | 20.9 |
| 25                                                             | 17.1 | 22.0 | 12.2 | 20.7 | 24.7 | 16.7 | 24.5 | 28.5 | 21.0 | 24.5 | 29.0 | 20.7 |
| 26                                                             | 17.4 | 22.2 | 12.5 | 20.8 | 24.8 | 16.8 | 24.7 | 28.8 | 21.2 | 24.4 | 28.9 | 20.6 |
| 27                                                             | 17.6 | 22.4 | 12.7 | 21.0 | 25.0 | 17.0 | 25.0 | 29.0 | 21.3 | 24.3 | 28.8 | 20.5 |
| 28                                                             | 17.8 | 22.6 | 12.8 | 21.2 | 25.2 | 17.2 | 25.2 | 29.3 | 21.5 | 24.1 | 28.7 | 20.4 |
| 29                                                             | 17.9 | 22.8 | 13.0 | 21.3 | 25.4 | 17.4 | 25.3 | 29.5 | 21.6 | 24.0 | 28.6 | 20.3 |
| 30                                                             | 18.1 | 22.9 | 13.2 | 21.5 | 25.5 | 17.6 | 25.5 | 29.7 | 21.7 | 23.9 | 28.5 | 20.2 |
| 31                                                             | 18.2 | 23.1 | 13.3 |      |      |      | 25.6 | 29.8 | 21.8 | 23.8 | 28.4 | 20.1 |

## AERODROME CLIMATOLOGICAL SUMMARY

AERODROME: SHONAI AIRPORT PERIOD OF RECORD: 2012-2016

LATITUDE: 38° 48.7'N, LONGITUDE: 139° 47.2'E, ELEVATION ABOVE MSL: 72 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                                                             | 23.7 | 28.3 | 20.0 | 18.6 | 23.0 | 14.0 | 11.8 | 15.9 | 7.5  | 6.4  | 9.8  | 2.7  |
| 02                                                             | 23.6 | 28.2 | 19.9 | 18.4 | 22.8 | 13.7 | 11.6 | 15.8 | 7.3  | 6.1  | 9.5  | 2.5  |
| 03                                                             | 23.5 | 28.0 | 19.8 | 18.2 | 22.6 | 13.5 | 11.4 | 15.6 | 7.1  | 5.9  | 9.3  | 2.4  |
| 04                                                             | 23.3 | 27.9 | 19.6 | 18.0 | 22.3 | 13.2 | 11.3 | 15.4 | 6.9  | 5.7  | 9.0  | 2.2  |
| 05                                                             | 23.2 | 27.7 | 19.5 | 17.7 | 22.1 | 12.9 | 11.1 | 15.3 | 6.7  | 5.4  | 8.7  | 2.0  |
| 06                                                             | 23.0 | 27.5 | 19.3 | 17.4 | 21.8 | 12.7 | 10.9 | 15.1 | 6.5  | 5.2  | 8.5  | 1.8  |
| 07                                                             | 22.8 | 27.3 | 19.1 | 17.2 | 21.5 | 12.4 | 10.7 | 14.9 | 6.3  | 5.0  | 8.2  | 1.6  |
| 08                                                             | 22.6 | 27.0 | 18.8 | 16.9 | 21.3 | 12.1 | 10.5 | 14.7 | 6.1  | 4.8  | 8.0  | 1.5  |
| 09                                                             | 22.4 | 26.8 | 18.6 | 16.6 | 21.0 | 11.8 | 10.3 | 14.5 | 5.9  | 4.6  | 7.8  | 1.3  |
| 10                                                             | 22.2 | 26.6 | 18.4 | 16.3 | 20.7 | 11.5 | 10.1 | 14.2 | 5.7  | 4.4  | 7.6  | 1.2  |
| 11                                                             | 22.0 | 26.4 | 18.1 | 16.0 | 20.4 | 11.2 | 9.9  | 14.0 | 5.5  | 4.3  | 7.5  | 1.1  |
| 12                                                             | 21.8 | 26.3 | 17.9 | 15.7 | 20.2 | 10.9 | 9.7  | 13.8 | 5.4  | 4.2  | 7.4  | 1.0  |
| 13                                                             | 21.6 | 26.1 | 17.7 | 15.5 | 19.9 | 10.6 | 9.5  | 13.5 | 5.2  | 4.2  | 7.3  | 1.0  |
| 14                                                             | 21.4 | 25.9 | 17.5 | 15.2 | 19.6 | 10.4 | 9.3  | 13.3 | 5.0  | 4.1  | 7.3  | 0.9  |
| 15                                                             | 21.2 | 25.7 | 17.2 | 15.0 | 19.4 | 10.1 | 9.1  | 13.1 | 4.9  | 4.1  | 7.2  | 0.9  |
| 16                                                             | 21.0 | 25.5 | 17.0 | 14.7 | 19.2 | 9.9  | 8.9  | 12.9 | 4.7  | 4.0  | 7.2  | 0.8  |
| 17                                                             | 20.8 | 25.3 | 16.7 | 14.5 | 18.9 | 9.7  | 8.7  | 12.6 | 4.5  | 4.0  | 7.1  | 0.8  |
| 18                                                             | 20.6 | 25.1 | 16.5 | 14.3 | 18.7 | 9.5  | 8.5  | 12.4 | 4.4  | 3.9  | 7.1  | 0.7  |
| 19                                                             | 20.4 | 25.0 | 16.3 | 14.1 | 18.5 | 9.4  | 8.4  | 12.2 | 4.2  | 3.8  | 7.0  | 0.6  |
| 20                                                             | 20.3 | 24.8 | 16.0 | 14.0 | 18.3 | 9.3  | 8.2  | 12.0 | 4.0  | 3.7  | 6.9  | 0.5  |
| 21                                                             | 20.1 | 24.6 | 15.8 | 13.8 | 18.1 | 9.1  | 8.0  | 11.8 | 3.9  | 3.6  | 6.8  | 0.3  |
| 22                                                             | 19.9 | 24.4 | 15.6 | 13.6 | 17.9 | 9.0  | 7.9  | 11.6 | 3.7  | 3.5  | 6.7  | 0.2  |
| 23                                                             | 19.8 | 24.2 | 15.4 | 13.4 | 17.7 | 8.9  | 7.7  | 11.4 | 3.6  | 3.4  | 6.6  | 0.1  |
| 24                                                             | 19.6 | 24.1 | 15.3 | 13.3 | 17.4 | 8.8  | 7.6  | 11.3 | 3.5  | 3.2  | 6.4  | -0.1 |
| 25                                                             | 19.5 | 23.9 | 15.1 | 13.1 | 17.2 | 8.7  | 7.4  | 11.1 | 3.4  | 3.1  | 6.2  | -0.2 |
| 26                                                             | 19.4 | 23.8 | 14.9 | 12.9 | 17.0 | 8.6  | 7.2  | 10.9 | 3.3  | 2.9  | 6.1  | -0.3 |
| 27                                                             | 19.3 | 23.7 | 14.8 | 12.7 | 16.8 | 8.4  | 7.1  | 10.7 | 3.2  | 2.8  | 5.9  | -0.4 |
| 28                                                             | 19.1 | 23.5 | 14.6 | 12.5 | 16.6 | 8.2  | 6.9  | 10.5 | 3.1  | 2.7  | 5.8  | -0.5 |
| 29                                                             | 19.0 | 23.4 | 14.4 | 12.3 | 16.4 | 8.0  | 6.7  | 10.3 | 2.9  | 2.6  | 5.6  | -0.5 |
| 30                                                             | 18.8 | 23.2 | 14.2 | 12.1 | 16.2 | 7.9  | 6.6  | 10.0 | 2.8  | 2.5  | 5.5  | -0.6 |
| 31                                                             |      |      |      | 12.0 | 16.1 | 7.7  |      |      |      | 2.4  | 5.3  | -0.6 |