

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : JAN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	-	3	5	17	36
01	-	-	-	-	1	2	16	31
02	-	-	-	1	1	4	11	25
03	-	-	-	-	1	3	11	27
04	-	-	-	-	1	3	13	25
05	-	-	-	1	2	4	14	23
06	-)	-)	-)	1)	2)	2	13	26
07	-	-	-	1	2	2	13	26
08	-	-	-	1	1	4	16	27
09	-	-	-	-	1	4	16	26
10	-	-	1	1	2	5	13	21
11	-	-	-	-	1	5	13	24
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	5	7	13	27
MEAN	-)	-)	0)	0)	2)	4	14	26

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : FEB

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	1	1	2	2	2	4	18	28
01	1	1	1	1	4	4	14	22
02	-	-	-	2	3	5	12	20
03	-	1	1	2	2	4	9	17
04	-	-	1	2	3	6	16	24
05	-	-	-	1	2	4	12	22
06	-	-	-	1	2	6	13	23
07	-	-	1	1	2	2	10	19
08	-	-	-	-	1	3	15	30
09	-	-	-	-	-	3	16	24
10	-	-	-	-	-	2	15	23
11	-	-	-	-	-	3	14	17
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	1	2	2	2	3	12	26
MEAN	0	0	1	1	2	4	13	23

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : MAR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	-	-	4	11	17
01	-)	-)	-)	-)	1)	3	9	17
02	-)	-)	-)	1)	1)	2	7	17
03	-)	-)	-)	-)	1)	2	5	13
04	-)	-)	-)	2)	2)	3	7	16
05	-)	-)	-)	-)	1)	3	9	17
06	-	-	-	-	-	3	7	20
07	-	-	1	1	3	3	8	19
08	-	-	-	-	2	4	8	20
09	-	-	-	-	1	4	12	16
10	-	-	-	-	3	5	11	16
11	-	-	-	-	1	3	11	18
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	-	4	11	19
MEAN	-)	-)	0)	0)	1)	3	9	17

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : APR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	1	2	2	13	20
01	-	-	-	2	3	3	11	18
02	-	-	-	1	2	2	8	16
03	-	-	-	1	2	2	8	17
04	-	-	-	1	4	4	8	20
05	-)	-)	-)	1)	4)	4	8	15
06	-)	-)	-)	1)	3)	3	8	15
07	-	-	-	2	3	4	10	19
08	-	-	-	-	2	2	10	19
09	-	-	-	-	4	4	11	20
10	-	-	-	1	3	3	13	22
11	-	-	-	1	5	5	12	21
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	1	2	2	10	24
MEAN	-)	-)	-)	1)	3)	3	10	19

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : MAY

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	1	4	4	12	21
01	-	-	-	-	1	1	11	15
02	-	-	-	-	2	2	9	14
03	-	-	-	-	-	-	7	16
04	-	-	1	2	3	3	7	12
05	-	-	1	2	4	4	8	10
06	-	-	1	2	3	3	6	11
07	-	-	1	2	4	4	7	16
08	-	-	1	2	3	3	10	19
09	-	-	1	3	3	3	10	16
10	-	-	1	3	5	5	10	14
11	-	-	1	3	7	7	13	18
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	4	4	17	24
MEAN	-	-	1	1	3	3	10	16

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : JUN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	1	2	8	8	19	27
01	-	-	-	2	4	4	11	24
02	-	-	-	1	2	2	8	23
03	-	-	-	-	1	1	9	19
04	-	-	-	-	1	1	9	13
05	-	-	-	1	2	2	7	19
06	-	-	-	-	2	2	9	19
07	-	-	-	1	4	4	9	20
08	-	-	-	-	4	4	13	22
09	-	-	-	1	5	5	14	25
10	-	-	-	-	6	6	14	28
11	-	-	-	1	7	7	16	27
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	5	9	9	21	35
MEAN	-	-	0	1	4	4	12	23

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : JUL

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	-	5	5	14	23
01	-	-	-	-	-	-	7	18
02	-	-	-	-	1	1	4	12
03	-	-	-	-	1	1	5	9
04	-	-	-	-	2	2	2	8
05	-	-	-	-	2	2	3	9
06	-	-	-	-	1	1	2	10
07	-	-	-	-	-	-	3	11
08	-	-	-	-	-	-	3	13
09	-	-	-	-	-	-	7	17
10	-	-	-	2	6	6	13	20
11	-	-	-	3	7	7	13	23
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	3	10	10	20	25
MEAN	-	-	-	1	3	3	7	15

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : AUG

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	-	1	1	4	13
01	-	-	-	-	-	-	4	13
02	-	-	-	-	1	1	2	11
03	-	-	-	-	1	1	6	12
04	-	-	-	-	2	2	6	9
05	-	-	-	-	4	4	5	9
06	-	-	-	-	3	3	6	10
07	-	-	-	-	2	2	5	10
08	-	-	-	-	1	1	4	14
09	-	-	-	-	3	3	6	14
10	-	-	-	1	3	3	7	13
11	-	-	-	-	4	4	9	12
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	3	3	9	15
MEAN	-	-	-	0	2	2	5	12

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : SEP

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	1	1	1	6	8
01	-	-	1	1	1	1	4	7
02	-	-	1	1	2	2	4	10
03	-	-	-	-	1	1	5	8
04	-	-	-	-	-	-	2	8
05	-	-	-	-	1	1	5	9
06	-	-	-	-	1	1	6	6
07	-	-	-	-	1	1	5	5
08	-	-	-	-	-	-	3	10
09	-	-	-	-	-	-	5	8
10	-	-	-	1	3	3	7	9
11	-	-	-	-	1	1	3	8
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	1	1	5	13
MEAN	-	-	0	0	1	1	5	9

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : OCT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	1	1	1	2	9
01	-	-	-	-	-	-	-	5
02	-	-	-	-	-	-	1	5
03	-	-	-	-	-	-	-	4
04	-	-	-	-	-	-	-	5
05	-)	-)	-)	-)	-)	-	-	3
06	-)	-)	-)	-)	-)	-	-	3
07	-	-	-	-	1	1	1	5
08	-	-	-	-	-	-	3	5
09	-	-	-	-	1	1	3	7
10	-	-	-	-	-	-	2	3
11	-	-	-	-	1	1	2	4
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	1	1	2	2	4	8
MEAN	-)	-)	0)	0)	0)	0	1	5

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : NOV

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	-	-	1	1	3	6
01	-	-	-	-	-	-	1	4
02	-	-	-	-	-	-	1	3
03	-	-	-	-	-	-	1	3
04	-	-	-	-	1	1	3	6
05	-	-	-	-	-	-	1	2
06	-	-	-	-	-	-	1	4
07	-)	-)	-)	-)	-)	-	2	8
08	-)	-)	-)	-)	-)	-	2	5
09	-)	-)	-)	-)	-)	-	1	6
10	-)	-)	-)	-)	-)	-	3	8
11	-)	-)	-)	-)	1)	1	4	5
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	1	1	1	1	10
MEAN	-)	-)	-)	0)	0)	0	2	5

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT MONTH : DEC

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	-	-	1	1	3	4	14	22
01	-	-	-	1	3	3	13	22
02	-	-	1	4	4	5	11	16
03	-	-	1	2	3	7	12	21
04	-	-	-	1	2	2	13	18
05	-	-	-	1	1	1	15	21
06	-	-	1	1	2	2	15	23
07	-	-	1	1	5	6	16	23
08	-	1	3	3	3	4	15	20
09	-)	-)	1)	3)	4)	5	19	23
10	-	-	1	4	4	4	17	22
11	-	-	-	3	4	4	14	22
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	2	2	2	10	20
MEAN	-)	0)	1)	2)	3)	4	14	21

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL A

AERODROME : MEMANBETSU AIRPORT [ANNUAL]

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108 ft

NUMBER OF RUNWAY VISUAL RANGE OBSERVING EQUIPMNENT OR VISIBILITY METER : RWY18

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILTY (BOTH IN METERS) OR HEIGHT OF THE BASE OF THE LOWEST CLOUD LAYER (IN FEET), OF BKN OR OVC EXTENT BELOW SPECIFIED VALUES AT SPECIFIED TIME								
TIME (UTC)	RVR(m) / Hs(ft)					VIS(m) / Hs(ft)		
	<400	<550	<600	<800	<1000	<1500	<3200	<5000
	<100	<200	<300	<400	<600	<600	<1000	<1500
00	0	0	0	1	3	3	11	19
01	0)	0)	0)	1)	1)	2	8	16
02	-)	-)	0)	1)	2)	2	7	14
03	-)	0)	0)	0)	1)	2	6	14
04	-)	-)	0)	1)	2)	2	7	14
05	-)	-)	0)	1)	2)	2	7	13
06	-)	-)	0)	0)	2)	2	7	14
07	-)	-)	0)	1)	2)	2	7	15
08	-)	0)	0)	0)	1)	2	8	17
09	-)	-)	0)	1)	2)	3	10	17
10	-)	-)	0)	1)	3)	4	10	17
11	-)	-)	0)	1)	3)	4	11	17
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	0	0	1	4	4	11	21
MEAN	0)	0)	0)	1)	2)	3	9	16

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : JAN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	3	3	6	9	18			
01	1	1	6	10	17			
02	3	3	3	6	14			
03	1	1	2	6	15			
04	2	3	3	8	15			
05	3	3	3	8	14			
06	1	1	5	8	15			
07	1	1	6	8	15			
08	3	3	5	10	15			
09	2	2	6	8	15			
10	3	3	6	7	11			
11	3	3	6	8	14			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	3	3	5	8	17			
MEAN	2	2	5	8	15			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT

MONTH : FEB

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	2	3	8	12	18			
01	3	4	6	9	14			
02	4	4	6	9	14			
03	3	3	4	6	12			
04	4	4	8	11	18			
05	3	4	8	9	17			
06	4	4	7	10	17			
07	1	3	4	7	14			
08	2	2	7	10	18			
09	2	2	6	10	14			
10	1	2	6	10	14			
11	2	2	5	9	11			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	2	3	6	9	18			
MEAN	3	3	6	9	15			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : MAR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	3	3	5	6	9			
01	1	2	3	5	8			
02	1	1	2	4	10			
03	1	1	3	3	8			
04	2	2	3	5	8			
05	1	1	3	5	10			
06	2	3	3	4	10			
07	2	3	3	5	10			
08	2	2	3	4	10			
09	2	2	5	6	9			
10	1	2	5	5	6			
11	1	1	3	5	8			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	3	4	5	6	10			
MEAN	2	2	4	5	9			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : APR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	1	3	4			
01	-	-	-	2	6			
02	-	-	1	1	5			
03	-	-	3	3	5			
04	1	1	2	3	9			
05	1	1	1	4	7			
06	1	1	1	1	5			
07	1	1	1	1	7			
08	-	1	1	1	5			
09	-	1	1	2	6			
10	-	-	-	1	4			
11	-	-	1	1	5			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	1	1	5			
MEAN	0	0	1	2	6			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : MAY

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	1	3			
01	-	-	-	-	3			
02	-	-	-	1	3			
03	-	-	-	1	3			
04	1	1	1	1	3			
05	1	1	1	1	4			
06	-	-	1	1	3			
07	1	1	1	1	5			
08	1	1	1	1	5			
09	1	1	1	3	5			
10	1	1	1	1	4			
11	-	-	1	1	5			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	2			
MEAN	0	0	0	1	4			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : JUN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	1	4			
01	-	-	-	-	1			
02	-	-	-	-	3			
03	-	-	-	-	3			
04	-	-	-	-	2			
05	-	-	-	-	3			
06	-	-	-	-	2			
07	-	-	-	-	3			
08	-	-	-	-	3			
09	-	-	-	1	5			
10	-	-	-	-	4			
11	-	-	1	1	3			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	5			
MEAN	-	-	0	0	3			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT

MONTH : JUL

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	-	2			
01	-	-	-	-	2			
02	-	-	-	-	1			
03	-	-	-	-	1			
04	-	-	-	-	-			
05	-	-	-	-	1			
06	-	-	-	-	1			
07	-	-	-	-	1			
08	-	-	-	-	-			
09	-	-	-	-	3			
10	-	-	-	1	3			
11	-	-	1	1	3			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	1	5			
MEAN	-	-	0	0	2			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : AUG

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	-	3			
01	-	-	-	1	3			
02	-	-	-	-	1			
03	-	-	-	1	2			
04	-	-	-	1	2			
05	-	-	1	1	2			
06	-	-	1	1	3			
07	-	-	-	1	4			
08	-	-	-	-	3			
09	-	-	-	1	4			
10	-	-	-	2	2			
11	-	-	-	1	2			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	2			
MEAN	-	-	0	1	2			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : SEP

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	1	2			
01	-	-	1	1	1			
02	-	-	1	1	1			
03	-	-	-	-	1			
04	-	-	-	-	-			
05	-	-	-	-	1			
06	-	-	-	1	1			
07	-	-	-	1	1			
08	-	-	-	-	2			
09	-	-	-	1	3			
10	-	-	-	-	3			
11	-	-	-	-	1			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	-	-	3			
MEAN	-	-	0	0	1			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : OCT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	1	1	3			
01	-	-	-	-	1			
02	-	-	-	1	1			
03	-	-	-	-	1			
04	-	-	-	-	3			
05	-	-	-	-	1			
06	-	-	-	-	1			
07	-	-	-	-	-			
08	-	-	-	-	-			
09	-	-	-	-	1			
10	-	-	-	1	1			
11	-	-	-	-	1			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	1	1	1	1	3			
MEAN	0	0	0	0	1			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : NOV

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	-	-	-	1	3			
01	-	-	-	-	2			
02	-	-	-	-	1			
03	-	-	-	-	1			
04	-	-	-	1	3			
05	-	-	-	-	1			
06	-	-	1	1	2			
07	-	-	-	1	3			
08	-	1	1	1	1			
09	-	-	1	1	1			
10	-	-	1	1	2			
11	1	1	1	1	2			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	-	-	1	1	4			
MEAN	0	0	0	1	2			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT MONTH : DEC

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	1	1	4	6	9			
01	1	1	3	6	10			
02	1	1	5	5	8			
03	3	3	5	6	10			
04	-	2	5	7	10			
05	-	1	5	8	11			
06	-	2	4	7	12			
07	1	1	6	7	11			
08	1	1	5	6	9			
09	1	3	6	8	10			
10	-	-	3	8	10			
11	-	-	4	6	10			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	1	1	3	5	10			
MEAN	1	1	4	7	10			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL B

AERODROME : MEMANBETSU AIRPORT [ANNUAL]

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF VISIBILITY BELOW SPECIFIED VALUES
(IN METERS) AT SPECIFIED TIMES

TIME (UTC)	VISIBILITY(m)							
	<1500	<1600	<2400	<3200	<5000	-	-	-
00	1	1	2	3	7			
01	0	1	2	3	6			
02	1	1	1	2	5			
03	1	1	1	2	5			
04	1	1	2	3	6			
05	1	1	2	3	6			
06	1	1	2	3	6			
07	1	1	2	3	6			
08	1	1	2	3	6			
09	1	1	2	3	6			
10	0	1	2	3	5			
11	1	1	2	3	5			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23	1	1	2	3	7			
MEAN	1	1	2	3	6			

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : JAN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	1	2	13
01	-	-	-	-	-	2	10
02	-	-	-	-	-	2	8
03	-	-	-	-	1	2	5
04	-	-	-	-	-	2	10
05	-	-	-	-	1	3	8
06	-	-	-	-	-	2	9
07	-	-	-	1	1	3	7
08	-	-	-	1	1	4	7
09	-	-	-	-	1	4	5
10	-	-	-	-	2	3	8
11	-	-	-	-	1	3	9
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	-	3	4	10
MEAN	-	-	-	0	1	3	8

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT

MONTH : FEB

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	1	2	2	2	4
01	-	-	-	1	2	2	4
02	-	-	-	1	1	3	7
03	-	-	1	1	1	3	5
04	-	-	-	1	1	2	5
05	-	-	-	-	-	3	5
06	-	-	-	-	-	2	5
07	-	-	-	-	1	2	4
08	-	-	-	-	-	2	7
09	-	-	-	-	-	2	6
10	-	-	-	-	-	1	5
11	-	-	-	-	-	2	3
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	1	2	2	2	7
MEAN	-	-	0	1	1	2	5

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : MAR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	-	2	7
01	-	-	-	-	1	2	8
02	-	-	-	-	-	2	6
03	-	-	-	-	-	2	4
04	-	-	-	-	-	2	8
05	-	-	-	-	1	1	8
06	-	-	-	-	-	1	11
07	-	-	-	-	-	3	8
08	-	-	-	-	1	4	11
09	-	-	-	-	1	5	11
10	-	-	-	-	3	5	10
11	-	-	-	-	1	5	10
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	-	-	5	7
MEAN	-	-	-	-	1	3	8

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : APR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	1	2	11	20
01	-	-	-	2	3	10	16
02	-	-	-	1	2	7	15
03	-	-	-	1	2	4	16
04	-	-	-	1	4	7	15
05	-	-	-	1	4	6	12
06	-	-	-	1	3	8	13
07	-	-	-	2	3	10	16
08	-	-	-	-	2	9	17
09	-	-	-	-	4	10	17
10	-	-	-	1	3	12	21
11	-	-	-	1	5	12	18
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	1	2	10	23
MEAN	-	-	-	1	3	9	17

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : MAY

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	1	4	12	21
01	-	-	-	-	1	11	15
02	-	-	-	-	2	9	14
03	-	-	-	-	-	7	15
04	-	-	1	2	3	7	12
05	-	-	1	2	4	8	10
06	-	-	1	2	3	6	11
07	-	-	1	2	4	7	15
08	-	-	1	2	3	10	19
09	-	-	1	3	3	10	16
10	-	-	1	3	5	10	14
11	-	-	1	3	7	13	18
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	-	4	17	24
MEAN	-	-	1	1	3	10	15

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT

MONTH : JUN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	1	2	8	19	27
01	-	-	-	2	4	11	24
02	-	-	-	1	2	8	22
03	-	-	-	-	1	9	17
04	-	-	-	-	1	9	12
05	-	-	-	1	2	7	18
06	-	-	-	-	2	9	19
07	-	-	-	1	4	9	20
08	-	-	-	-	4	13	21
09	-	-	-	1	5	14	24
10	-	-	-	-	6	14	26
11	-	-	-	1	7	15	25
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	5	9	21	35
MEAN	-	-	0	1	4	12	22

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT

MONTH : JUL

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	5	14	23
01	-	-	-	-	-	7	18
02	-	-	-	-	1	4	12
03	-	-	-	-	1	5	8
04	-	-	-	-	2	2	8
05	-	-	-	-	2	3	9
06	-	-	-	-	1	2	10
07	-	-	-	-	-	3	11
08	-	-	-	-	-	3	13
09	-	-	-	-	-	7	13
10	-	-	-	2	6	13	20
11	-	-	-	3	7	13	23
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	3	10	20	25
MEAN	-	-	-	1	3	7	15

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : AUG

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	1	4	10
01	-	-	-	-	-	3	11
02	-	-	-	-	1	2	10
03	-	-	-	-	1	6	11
04	-	-	-	-	2	5	7
05	-	-	-	-	4	5	9
06	-	-	-	-	3	6	9
07	-	-	-	-	2	5	8
08	-	-	-	-	1	4	12
09	-	-	-	-	3	5	14
10	-	-	-	1	3	6	12
11	-	-	-	-	4	9	12
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	-	3	9	14
MEAN	-	-	-	0	2	5	11

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : SEP

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	1	1	5	8
01	-	-	1	1	1	4	7
02	-	-	1	1	2	4	10
03	-	-	-	-	1	5	8
04	-	-	-	-	-	2	8
05	-	-	-	-	1	5	8
06	-	-	-	-	1	5	6
07	-	-	-	-	1	5	5
08	-	-	-	-	-	3	8
09	-	-	-	-	-	4	5
10	-	-	-	1	3	7	9
11	-	-	-	-	1	3	6
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	-	1	5	11
MEAN	-	-	0	0	1	4	8

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT

MONTH : OCT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	1	1	2	7
01	-	-	-	-	-	-	2
02	-	-	-	-	-	-	5
03	-	-	-	-	-	-	3
04	-	-	-	-	-	-	2
05	-	-	-	-	-	-	2
06	-	-	-	-	-	-	2
07	-	-	-	-	1	1	5
08	-	-	-	-	-	3	5
09	-	-	-	-	1	3	6
10	-	-	-	-	-	2	2
11	-	-	-	-	1	2	4
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	1	1	2	4	7
MEAN	-	-	0	0	0	1	4

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : NOV

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	1	2	3
01	-	-	-	-	-	1	2
02	-	-	-	-	-	1	3
03	-	-	-	-	-	1	3
04	-	-	-	-	1	2	4
05	-	-	-	-	-	1	1
06	-	-	-	-	-	1	2
07	-	-	-	-	-	-	5
08	-	-	-	-	-	1	5
09	-	-	-	-	-	-	5
10	-	-	-	-	-	1	7
11	-	-	-	-	1	3	5
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	1	1	1	5
MEAN	-	-	-	0	0	1	4

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT MONTH : DEC

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	-	-	3	6	10
01	-	-	-	1	1	4	6
02	-	-	1	3	3	4	6
03	-	-	1	2	3	3	12
04	-	-	-	1	2	2	7
05	-	-	-	1	1	1	6
06	-	-	1	1	2	5	12
07	-	-	1	1	5	9	15
08	-	1	3	3	3	7	11
09	-	-	1	3	4	9	14
10	-	-	1	4	4	6	14
11	-	-	-	3	4	8	13
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	-	2	2	7	11
MEAN	-	0	1	2	3	5	10

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL C

AERODROME : MEMANBETSU AIRPORT [ANNUAL]

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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 (UTC)	Hs(ft)						
	<100	<200	<300	<400	<600	<1000	<1500
00	-	-	0	1	2	7	13
01	-	-	0	1	1	5	11
02	-	-	0	1	1	4	10
03	-	-	0	0	1	4	9
04	-	-	0	0	1	4	8
05	-	-	0	0	2	4	8
06	-	-	0	0	1	4	9
07	-	-	0	1	2	5	10
08	-	0	0	0	1	5	11
09	-	-	0	1	2	6	12
10	-	-	0	1	3	7	13
11	-	-	0	1	3	8	13
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	-	-	0	1	3	9	15
MEAN	-	0	0	1	2	5	11

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : JAN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	0	-	-	-	-	-	-	-	-	2
[35-36-01]	3	5	2	0	-	0	-	-	-	-	-	9
[02-03-04]	2	1	0	0	-	-	-	-	-	-	-	3
[05-06-07]	1	0	0	0	-	-	-	-	-	-	-	2
[08-09-10]	2	0	0	-	0	-	-	-	-	-	-	2
[11-12-13]	3	0	0	0	-	-	-	-	-	-	-	3
[14-15-16]	6	1	0	0	-	-	-	-	-	-	-	7
[17-18-19]	10	11	1	0	-	-	-	-	-	-	-	21
[20-21-22]	8	6	1	0	-	-	-	-	-	-	-	15
[23-24-25]	5	2	-	-	-	-	-	-	-	-	-	7
[26-27-28]	3	1	0	-	-	-	-	-	-	-	-	5
[29-30-31]	4	3	1	0	-	-	-	-	-	-	-	7
[32-33-34]	4	6	3	1	-	-	-	-	-	-	-	14
TOTAL	52	37	8	1	0	0	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : FEB

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	1	0	-	-	-	-	-	-	-	-	-	1
[35-36-01]	4	6	3	0	0	-	-	-	-	-	-	13
[02-03-04]	3	2	0	-	-	-	-	-	-	-	-	6
[05-06-07]	3	1	-	-	-	-	-	-	-	-	-	4
[08-09-10]	3	0	-	-	-	-	-	-	-	-	-	3
[11-12-13]	3	0	-	-	-	-	-	-	-	-	-	3
[14-15-16]	6	1	0	-	-	-	-	-	-	-	-	7
[17-18-19]	12	9	1	0	-	-	-	-	-	-	-	21
[20-21-22]	8	5	2	1	-	-	-	-	-	-	-	16
[23-24-25]	5	1	0	0	-	-	-	-	-	-	-	7
[26-27-28]	2	0	0	-	-	-	-	-	-	-	-	3
[29-30-31]	3	2	0	0	0	-	-	-	-	-	-	5
[32-33-34]	4	5	3	0	0	-	-	-	-	-	-	11
TOTAL	56	32	9	2	0	-	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : MAR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	-	-	-	-	-	-	-	-	-	2
[35-36-01]	3	5	4	1	0	-	-	-	-	-	-	14
[02-03-04]	3	2	1	0	-	-	-	-	-	-	-	6
[05-06-07]	3	2	0	0	-	-	-	-	-	-	-	6
[08-09-10]	3	1	-	-	-	-	-	-	-	-	-	4
[11-12-13]	3	0	0	-	-	-	-	-	-	-	-	4
[14-15-16]	5	1	1	0	0	0	-	-	-	-	-	8
[17-18-19]	8	7	4	1	0	0	-	-	-	-	-	20
[20-21-22]	7	6	3	0	-	-	-	-	-	-	-	16
[23-24-25]	4	1	0	-	-	-	-	-	-	-	-	5
[26-27-28]	2	0	-	-	-	-	-	-	-	-	-	3
[29-30-31]	2	1	0	-	-	-	-	-	-	-	-	3
[32-33-34]	3	3	3	1	0	-	-	-	-	-	-	9
TOTAL	48	31	16	4	0	0	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : APR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	0	-	-	-	-	-	-	-	-	2
[35-36-01]	2	7	4	1	0	-	-	-	-	-	-	14
[02-03-04]	2	3	1	0	-	-	-	-	-	-	-	6
[05-06-07]	3	3	1	0	-	-	-	-	-	-	-	6
[08-09-10]	2	1	0	-	-	-	-	-	-	-	-	3
[11-12-13]	2	0	0	-	-	-	-	-	-	-	-	2
[14-15-16]	3	1	2	1	0	-	-	-	-	-	-	7
[17-18-19]	6	6	5	3	1	0	0	-	-	-	-	20
[20-21-22]	5	8	3	1	0	-	-	-	-	-	-	17
[23-24-25]	4	1	0	0	0	-	-	-	-	-	-	6
[26-27-28]	2	1	0	-	-	-	-	-	-	-	-	3
[29-30-31]	2	1	1	-	-	-	-	-	-	-	-	4
[32-33-34]	2	3	2	1	0	-	-	-	-	-	-	8
TOTAL	37	36	19	6	1	0	0	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : MAY

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	-	-	-	-	-	-	-	-	-	2
[35-36-01]	3	7	4	1	0	-	-	-	-	-	-	14
[02-03-04]	3	3	1	-	-	-	-	-	-	-	-	7
[05-06-07]	3	4	0	-	-	-	-	-	-	-	-	7
[08-09-10]	3	2	0	-	-	-	-	-	-	-	-	4
[11-12-13]	2	1	0	0	-	-	-	-	-	-	-	3
[14-15-16]	3	1	2	2	0	-	-	-	-	-	-	9
[17-18-19]	6	7	5	3	1	0	-	-	-	-	-	22
[20-21-22]	6	6	3	1	0	-	-	-	-	-	-	16
[23-24-25]	4	1	0	0	-	-	-	-	-	-	-	6
[26-27-28]	2	0	-	-	-	-	-	-	-	-	-	2
[29-30-31]	2	1	0	0	-	-	-	-	-	-	-	2
[32-33-34]	2	2	2	0	-	-	-	-	-	-	-	7
TOTAL	40	35	17	6	1	0	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : JUN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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]	4	8	3	0	-	-	-	-	-	-	-	15
[02-03-04]	4	3	1	-	-	-	-	-	-	-	-	7
[05-06-07]	5	5	0	-	-	-	-	-	-	-	-	10
[08-09-10]	4	2	0	-	-	-	-	-	-	-	-	5
[11-12-13]	3	1	-	-	-	-	-	-	-	-	-	4
[14-15-16]	4	1	2	1	0	-	-	-	-	-	-	7
[17-18-19]	6	8	6	3	0	0	0	-	-	-	-	23
[20-21-22]	7	6	2	1	-	-	-	-	-	-	-	16
[23-24-25]	3	0	-	-	-	-	-	-	-	-	-	3
[26-27-28]	2	0	-	-	-	-	-	-	-	-	-	2
[29-30-31]	1	0	0	-	-	-	-	-	-	-	-	1
[32-33-34]	2	2	0	0	-	-	-	-	-	-	-	5
TOTAL	47	34	14	4	0	0	0	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : JUL

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	-	-	-	-	-	-	-	-	-	2
[35-36-01]	3	6	2	0	-	-	-	-	-	-	-	11
[02-03-04]	3	2	0	0	-	-	-	-	-	-	-	6
[05-06-07]	6	5	0	-	-	-	-	-	-	-	-	11
[08-09-10]	5	2	0	-	-	-	-	-	-	-	-	6
[11-12-13]	4	0	-	-	-	-	-	-	-	-	-	4
[14-15-16]	4	1	1	1	-	-	-	-	-	-	-	7
[17-18-19]	6	9	8	2	0	-	-	-	-	-	-	24
[20-21-22]	8	6	2	0	-	-	-	-	-	-	-	16
[23-24-25]	4	0	-	-	-	-	-	-	-	-	-	4
[26-27-28]	2	0	-	-	-	-	-	-	-	-	-	2
[29-30-31]	2	0	-	-	-	-	-	-	-	-	-	2
[32-33-34]	3	1	0	-	-	-	-	-	-	-	-	4
TOTAL	52	32	13	3	0	-	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : AUG

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	-	-	-	-	-	-	-	-	-	2
[35-36-01]	3	5	2	0	-	-	-	-	-	-	-	10
[02-03-04]	3	2	0	0	-	-	-	-	-	-	-	6
[05-06-07]	3	3	0	-	-	-	-	-	-	-	-	6
[08-09-10]	2	1	0	-	-	-	-	-	-	-	-	3
[11-12-13]	3	0	-	-	-	-	-	-	-	-	-	3
[14-15-16]	4	2	2	0	0	-	-	-	-	-	-	8
[17-18-19]	7	8	10	3	0	-	-	-	-	-	-	27
[20-21-22]	9	9	3	0	0	-	-	-	-	-	-	20
[23-24-25]	5	0	0	-	-	-	-	-	-	-	-	5
[26-27-28]	2	0	-	-	-	-	-	-	-	-	-	2
[29-30-31]	2	0	-	-	-	-	-	-	-	-	-	2
[32-33-34]	2	1	0	-	-	-	-	-	-	-	-	4
TOTAL	47	31	17	4	0	-	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : SEP

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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												x
VARIABLE	3	0	-	-	-	-	-	-	-	-	-	3
[35-36-01]	2	4	2	1	0	0	0	-	-	-	-	9
[02-03-04]	2	2	0	-	-	-	-	-	-	-	-	4
[05-06-07]	3	2	0	-	-	-	-	-	-	-	-	4
[08-09-10]	2	1	0	-	-	-	-	-	-	-	-	3
[11-12-13]	2	0	0	-	-	-	-	-	-	-	-	3
[14-15-16]	4	2	1	0	-	-	-	-	-	-	-	7
[17-18-19]	10	11	4	1	0	0	-	-	-	-	-	26
[20-21-22]	12	11	2	0	-	-	-	-	-	-	-	25
[23-24-25]	5	1	-	-	-	-	-	-	-	-	-	6
[26-27-28]	2	-	-	-	-	-	-	-	-	-	-	2
[29-30-31]	2	0	0	-	-	-	-	-	-	-	-	2
[32-33-34]	2	2	1	0	-	-	-	-	-	-	-	5
TOTAL	52	35	10	2	0	0	0	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : OCT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	-	-	-	-	-	-	-	-	-	2
[35-36-01]	2	4	2	1	0	-	-	-	-	-	-	9
[02-03-04]	2	1	0	0	-	-	-	-	-	-	-	4
[05-06-07]	2	1	-	-	-	-	-	-	-	-	-	3
[08-09-10]	2	0	-	-	-	-	-	-	-	-	-	2
[11-12-13]	2	0	0	-	-	-	-	-	-	-	-	3
[14-15-16]	3	2	1	0	0	-	-	-	-	-	-	6
[17-18-19]	10	10	2	0	-	-	-	-	-	-	-	22
[20-21-22]	11	10	2	1	0	-	-	-	-	-	-	24
[23-24-25]	7	1	0	-	-	-	-	-	-	-	-	8
[26-27-28]	3	0	-	-	-	-	-	-	-	-	-	3
[29-30-31]	3	1	0	-	-	-	-	-	-	-	-	4
[32-33-34]	3	3	1	0	-	-	-	-	-	-	-	8
TOTAL	54	35	9	2	0	-	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : NOV

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	3	0	-	-	-	-	-	-	-	-	-	3
[35-36-01]	2	3	2	0	0	0	-	-	-	-	-	6
[02-03-04]	2	1	0	-	0	-	-	-	-	-	-	3
[05-06-07]	2	1	-	-	-	-	-	-	-	-	-	2
[08-09-10]	2	0	-	-	-	-	-	-	-	-	-	2
[11-12-13]	2	0	0	0	0	-	-	-	-	-	-	2
[14-15-16]	5	1	1	0	0	-	-	-	-	-	-	7
[17-18-19]	10	7	1	0	0	0	-	-	-	-	-	19
[20-21-22]	12	8	2	0	0	-	-	-	-	-	-	22
[23-24-25]	8	2	0	-	-	-	-	-	-	-	-	10
[26-27-28]	4	1	0	-	-	-	-	-	-	-	-	5
[29-30-31]	6	3	0	0	-	-	-	-	-	-	-	9
[32-33-34]	3	4	1	0	0	0	-	-	-	-	-	8
TOTAL	60	30	8	2	0	0	-	-	-	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT

MONTH : DEC

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	3	0	0	-	-	-	-	-	-	-	-	3
[35-36-01]	2	2	1	0	-	0	0	0	0	-	-	6
[02-03-04]	1	1	0	0	0	-	-	-	-	-	-	3
[05-06-07]	1	0	0	-	-	-	-	-	-	-	-	1
[08-09-10]	2	0	-	-	-	-	-	-	-	-	-	2
[11-12-13]	3	0	-	-	-	-	-	-	-	-	-	3
[14-15-16]	6	1	0	0	0	0	-	-	-	-	-	7
[17-18-19]	12	8	1	0	0	0	0	-	-	-	-	21
[20-21-22]	11	8	1	0	0	-	-	-	-	-	-	21
[23-24-25]	9	2	0	-	-	-	-	-	-	-	-	12
[26-27-28]	4	2	0	-	-	-	-	-	-	-	-	6
[29-30-31]	4	5	0	-	-	-	-	-	-	-	-	9
[32-33-34]	2	3	1	0	0	0	-	-	-	-	-	7
TOTAL	60	32	5	2	0	0	0	0	0	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL D

AERODROME : MEMANBETSU AIRPORT [ANNUAL]

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT
WIND DIRECTION (IN 30°SECTORS) AND SPEED (IN KNOTS) WITHIN SPECIFIED RANGES

WIND 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	2	0	0	-	-	-	-	-	-	-	-	2
[35-36-01]	3	5	3	0	0	0	0	0	0	-	-	11
[02-03-04]	2	2	0	0	0	-	-	-	-	-	-	5
[05-06-07]	3	2	0	0	-	-	-	-	-	-	-	5
[08-09-10]	3	1	0	-	0	-	-	-	-	-	-	3
[11-12-13]	3	0	0	0	0	-	-	-	-	-	-	3
[14-15-16]	4	1	1	1	0	0	-	-	-	-	-	7
[17-18-19]	9	8	4	1	0	0	0	-	-	-	-	22
[20-21-22]	9	7	2	0	0	-	-	-	-	-	-	19
[23-24-25]	5	1	0	0	0	-	-	-	-	-	-	7
[26-27-28]	3	1	0	-	-	-	-	-	-	-	-	3
[29-30-31]	3	1	0	0	0	-	-	-	-	-	-	4
[32-33-34]	3	3	2	0	0	0	-	-	-	-	-	7
TOTAL	50	33	12	3	0	0	0	0	0	-	-	

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : JAN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	9	30	30	27	4	-	-	-	-	-	-	-
01	1	26	34	33	6	-	-	-	-	-	-	-
02	-	10	45	38	7	-	-	-	-	-	-	-
03	-	2	41	45	12	1	-	-	-	-	-	-
04	-	1	33	52	14	1	-	-	-	-	-	-
05	-	1	32	54	12	1	-	-	-	-	-	-
06	-	1	35	52	12	1	-	-	-	-	-	-
07	-	2	48	45	6	-	-	-	-	-	-	-
08	-	12	39	42	6	-	-	-	-	-	-	-
09	3	17	37	39	3	-	-	-	-	-	-	-
10	7	20	37	34	2	-	-	-	-	-	-	-
11	9	26	28	35	2	-	-	-	-	-	-	-
12	8	29	31	31	1	-	-	-	-	-	-	-
13	15	23	34	27	1	-	-	-	-	-	-	-
14	17	21	33	28	1	-	-	-	-	-	-	-
15	19	23	33	25	-	-	-	-	-	-	-	-
16	20	28	26	24	2	-	-	-	-	-	-	-
17	24	28	22	26	1	-	-	-	-	-	-	-
18	28	23	21	26	1	-	-	-	-	-	-	-
19	29	23	23	23	3	-	-	-	-	-	-	-
20	30	23	21	24	2	-	-	-	-	-	-	-
21	26	26	23	24	1	-	-	-	-	-	-	-
22	25	29	23	23	1	-	-	-	-	-	-	-
23	23	26	24	25	2	-	-	-	-	-	-	-
MEAN	12	18	31	33	4	0	-	-	-	-	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : FEB

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	1	26	40	28	5	1	-	-	-	-	-	-
01	-	10	43	40	6	1	-	-	-	-	-	-
02	-	4	34	50	10	2	1	-	-	-	-	-
03	-	1	22	61	11	4	1	-	-	-	-	-
04	-	-	21	60	13	5	1	-	-	-	-	-
05	-	1	23	57	13	5	1	-	-	-	-	-
06	-	2	25	55	13	5	1	-	-	-	-	-
07	-	1	31	53	11	3	1	-	-	-	-	-
08	-	5	38	46	9	1	1	-	-	-	-	-
09	-	9	45	38	6	1	1	-	-	-	-	-
10	3	13	45	31	6	1	1	-	-	-	-	-
11	5	16	43	30	6	1	-	-	-	-	-	-
12	6	23	38	27	4	1	1	-	-	-	-	-
13	6	28	35	26	4	2	-	-	-	-	-	-
14	10	26	33	26	4	1	-	-	-	-	-	-
15	14	26	32	24	3	1	-	-	-	-	-	-
16	13	30	29	23	3	1	-	-	-	-	-	-
17	15	26	35	19	4	1	-	-	-	-	-	-
18	19	28	30	19	4	-	-	-	-	-	-	-
19	17	29	30	22	2	-	-	-	-	-	-	-
20	20	29	28	21	2	-	-	-	-	-	-	-
21	15	35	29	19	1	-	-	-	-	-	-	-
22	17	29	33	19	2	-	-	-	-	-	-	-
23	9	30	38	21	3	-	-	-	-	-	-	-
MEAN	7	17	33	33	6	1	0	-	-	-	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT MONTH : MAR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	12	32	41	12	3	-	-	-	-	-
01	-	-	5	30	44	14	6	-	-	-	-	-
02	-	-	3	27	41	19	9	1	-	-	-	-
03	-	-	2	25	41	22	9	1	-	-	-	-
04	-	-	2	25	36	26	8	3	-	-	-	-
05	-	-	2	26	38	22	10	2	-	-	-	-
06	-	-	3	29	39	20	8	1	-	-	-	-
07	-	-	3	31	39	19	8	-	-	-	-	-
08	-	-	3	37	39	17	4	-	-	-	-	-
09	-	1	6	40	39	13	1	-	-	-	-	-
10	-	1	8	41	39	10	1	-	-	-	-	-
11	1	2	10	46	33	8	1	-	-	-	-	-
12	1	2	13	47	31	5	1	-	-	-	-	-
13	1	4	14	48	27	6	1	-	-	-	-	-
14	-	6	12	48	30	3	1	-	-	-	-	-
15	1	7	15	46	28	2	1	-	-	-	-	-
16	2	8	18	43	26	3	1	-	-	-	-	-
17	1	8	23	39	24	4	-	-	-	-	-	-
18	1	11	24	38	23	3	-	-	-	-	-	-
19	1	14	18	43	21	3	-	-	-	-	-	-
20	1	14	20	43	18	5	-	-	-	-	-	-
21	1	13	23	38	20	5	-	-	-	-	-	-
22	-	10	20	41	25	5	-	-	-	-	-	-
23	-	3	18	39	30	10	-	-	-	-	-	-
MEAN	0	4	11	37	32	10	3	0	-	-	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : APR

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES												
TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	1	25	33	26	14	1	-	-	-
01	-	-	-	1	20	28	30	17	4	-	-	-
02	-	-	-	-	17	25	33	19	5	-	-	-
03	-	-	-	1	13	31	28	22	5	1	-	-
04	-	-	-	1	15	26	31	19	6	1	-	-
05	-	-	-	1	15	29	29	17	7	2	-	-
06	-	-	-	1	18	29	29	16	5	2	-	-
07	-	-	-	2	23	28	32	10	5	1	-	-
08	-	-	-	2	27	33	27	9	2	-	-	-
09	-	-	-	3	31	42	18	6	-	-	-	-
10	-	-	-	5	37	41	15	3	-	-	-	-
11	-	-	-	6	41	37	13	3	-	-	-	-
12	-	-	-	9	47	26	17	1	-	-	-	-
13	-	-	-	10	48	27	15	1	-	-	-	-
14	-	-	-	14	47	27	12	-	-	-	-	-
15	-	-	-	17	45	26	12	-	-	-	-	-
16	-	-	1	23	43	23	9	-	-	-	-	-
17	-	-	1	23	44	24	8	-	-	-	-	-
18	-	-	2	27	42	23	7	-	-	-	-	-
19	-	-	2	27	40	25	6	-	-	-	-	-
20	-	-	2	30	39	26	3	-	-	-	-	-
21	-	-	1	20	45	26	9	-	-	-	-	-
22	-	-	-	7	45	37	11	1	-	-	-	-
23	-	-	-	2	35	37	21	4	1	-	-	-
MEAN	-	-	0	9	33	29	18	6	1	0	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : MAY

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	6	19	26	32	17	1	-	-
01	-	-	-	-	5	18	23	27	22	5	-	-
02	-	-	-	-	2	19	23	26	24	6	-	-
03	-	-	-	-	3	16	25	24	19	12	-	-
04	-	-	-	-	4	14	28	25	18	10	1	-
05	-	-	-	-	5	16	27	23	19	10	-	-
06	-	-	-	-	5	19	25	23	20	8	-	-
07	-	-	-	-	6	22	27	21	21	3	-	-
08	-	-	-	-	6	24	32	21	15	2	-	-
09	-	-	-	-	9	26	31	24	9	1	-	-
10	-	-	-	-	12	33	32	21	3	-	-	-
11	-	-	-	-	12	36	33	19	1	-	-	-
12	-	-	-	-	14	41	34	12	1	-	-	-
13	-	-	-	-	19	35	35	10	1	-	-	-
14	-	-	-	-	19	39	33	9	-	-	-	-
15	-	-	-	-	23	38	32	7	-	-	-	-
16	-	-	-	1	23	43	26	6	-	-	-	-
17	-	-	-	1	25	42	25	6	-	-	-	-
18	-	-	-	3	25	44	23	5	-	-	-	-
19	-	-	-	3	28	45	22	3	1	-	-	-
20	-	-	-	1	23	46	26	4	-	-	-	-
21	-	-	-	-	19	39	34	8	-	-	-	-
22	-	-	-	-	13	28	39	19	1	-	-	-
23	-	-	-	-	9	24	30	32	6	-	-	-
MEAN	-	-	-	0	13	30	28	16	8	2	0	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : JUN

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES												
TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	-	8	19	27	33	13	-	-
01	-	-	-	-	-	6	17	24	35	17	2	-
02	-	-	-	-	-	5	15	24	30	20	5	-
03	-	-	-	-	-	3	17	23	29	21	7	-
04	-	-	-	-	-	3	17	24	28	21	7	-
05	-	-	-	-	-	4	21	21	29	21	4	-
06	-	-	-	-	-	5	19	27	25	22	2	-
07	-	-	-	-	-	6	20	28	28	17	1	-
08	-	-	-	-	-	7	24	30	29	9	-	-
09	-	-	-	-	-	9	25	32	25	8	-	-
10	-	-	-	-	-	11	31	31	24	2	-	-
11	-	-	-	-	1	13	31	37	17	1	-	-
12	-	-	-	-	1	15	33	36	15	-	-	-
13	-	-	-	-	1	16	35	37	10	-	-	-
14	-	-	-	-	1	19	36	33	11	-	-	-
15	-	-	-	-	-	22	37	33	8	-	-	-
16	-	-	-	-	1	24	39	31	5	-	-	-
17	-	-	-	-	1	26	43	26	4	-	-	-
18	-	-	-	-	3	25	42	26	3	-	-	-
19	-	-	-	-	3	27	43	24	3	-	-	-
20	-	-	-	-	1	23	39	34	3	-	-	-
21	-	-	-	-	1	17	34	42	7	-	-	-
22	-	-	-	-	-	11	29	44	16	-	-	-
23	-	-	-	-	-	10	21	37	29	3	-	-
MEAN	-	-	-	-	0	13	28	30	18	7	1	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : JUL

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	-	-	2	19	38	33	8	-
01	-	-	-	-	-	-	2	14	37	32	15	-
02	-	-	-	-	-	-	1	11	32	33	21	2
03	-	-	-	-	-	-	1	11	28	35	24	1
04	-	-	-	-	-	-	1	9	30	35	22	3
05	-	-	-	-	-	-	1	11	29	37	20	1
06	-	-	-	-	-	-	1	12	30	38	19	-
07	-	-	-	-	-	-	1	15	37	36	11	-
08	-	-	-	-	-	-	1	23	37	31	8	-
09	-	-	-	-	-	-	2	31	37	28	3	-
10	-	-	-	-	-	-	4	37	37	22	-	-
11	-	-	-	-	-	-	5	41	43	12	-	-
12	-	-	-	-	-	-	6	45	43	6	-	-
13	-	-	-	-	-	-	9	45	40	6	-	-
14	-	-	-	-	-	-	8	48	41	4	-	-
15	-	-	-	-	-	-	10	48	39	4	-	-
16	-	-	-	-	-	1	11	54	32	3	-	-
17	-	-	-	-	-	1	12	55	30	2	-	-
18	-	-	-	-	-	1	15	56	27	1	-	-
19	-	-	-	-	-	1	15	55	29	1	-	-
20	-	-	-	-	-	-	11	55	32	2	-	-
21	-	-	-	-	-	-	8	45	45	3	-	-
22	-	-	-	-	-	-	5	36	48	12	-	-
23	-	-	-	-	-	-	2	30	40	27	1	-
MEAN	-	-	-	-	-	0	5	33	35	18	6	0

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT MONTH : AUG

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES												
TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	-	-	1	22	44	29	4	-
01	-	-	-	-	-	-	1	16	40	33	10	-
02	-	-	-	-	-	-	1	12	35	37	14	-
03	-	-	-	-	-	-	1	12	37	35	14	1
04	-	-	-	-	-	-	1	11	35	35	15	1
05	-	-	-	-	-	-	1	12	36	35	15	1
06	-	-	-	-	-	-	1	12	43	32	12	1
07	-	-	-	-	-	-	1	16	46	30	6	1
08	-	-	-	-	-	-	1	24	43	30	2	-
09	-	-	-	-	-	-	1	34	45	20	1	-
10	-	-	-	-	-	-	3	38	45	14	-	-
11	-	-	-	-	-	-	3	45	41	12	-	-
12	-	-	-	-	-	-	6	45	41	8	-	-
13	-	-	-	-	-	-	7	45	43	6	-	-
14	-	-	-	-	-	-	8	46	39	6	-	-
15	-	-	-	-	-	-	8	50	35	6	-	-
16	-	-	-	-	-	1	10	51	36	3	-	-
17	-	-	-	-	-	1	9	50	37	2	-	-
18	-	-	-	-	-	1	9	51	37	1	-	-
19	-	-	-	-	-	1	12	52	34	1	-	-
20	-	-	-	-	-	1	10	53	34	1	-	-
21	-	-	-	-	-	-	7	50	39	5	-	-
22	-	-	-	-	-	-	3	44	39	14	-	-
23	-	-	-	-	-	-	1	32	42	25	-	-
MEAN	-	-	-	-	-	0	4	34	39	17	3	0

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT MONTH : SEP

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES												
TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	-	-	13	47	37	3	-	-
01	-	-	-	-	-	-	7	39	44	11	-	-
02	-	-	-	-	-	-	6	28	47	18	1	-
03	-	-	-	-	-	-	5	23	51	19	2	-
04	-	-	-	-	-	-	5	22	49	22	1	-
05	-	-	-	-	-	-	4	25	49	21	1	-
06	-	-	-	-	-	-	5	28	49	17	1	-
07	-	-	-	-	-	-	9	38	41	13	-	-
08	-	-	-	-	-	-	13	45	39	3	-	-
09	-	-	-	-	-	-	21	48	30	1	-	-
10	-	-	-	-	-	1	27	50	22	-	-	-
11	-	-	-	-	-	5	31	49	15	-	-	-
12	-	-	-	-	-	9	33	45	13	-	-	-
13	-	-	-	-	-	10	32	45	13	-	-	-
14	-	-	-	-	-	10	34	43	12	-	-	-
15	-	-	-	-	-	14	33	43	10	-	-	-
16	-	-	-	-	1	15	33	43	7	1	-	-
17	-	-	-	-	1	13	40	37	8	1	-	-
18	-	-	-	-	3	13	43	34	6	1	-	-
19	-	-	-	-	3	14	42	35	5	1	-	-
20	-	-	-	-	3	18	38	35	6	-	-	-
21	-	-	-	-	1	13	43	36	7	1	-	-
22	-	-	-	-	-	6	38	43	13	1	-	-
23	-	-	-	-	-	1	29	43	26	2	-	-
MEAN	-	-	-	-	0	5	24	38	24	5	0	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT MONTH : OCT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	-	2	35	45	17	1	-	-	-
01	-	-	-	-	-	21	44	28	6	-	-	-
02	-	-	-	-	-	13	45	33	9	1	-	-
03	-	-	-	-	-	14	39	34	12	2	-	-
04	-	-	-	-	-	14	39	33	11	3	-	-
05	-	-	-	-	1	13	41	34	10	2	-	-
06	-	-	-	-	-	18	44	29	8	1	-	-
07	-	-	-	-	1	26	43	26	3	1	-	-
08	-	-	-	-	3	34	43	18	1	-	-	-
09	-	-	-	-	5	42	40	13	-	-	-	-
10	-	-	-	-	11	43	37	10	-	-	-	-
11	-	-	-	-	15	45	32	8	-	-	-	-
12	-	-	-	1	21	43	29	7	-	-	-	-
13	-	-	-	1	20	45	26	7	1	-	-	-
14	-	-	-	3	21	45	25	6	1	-	-	-
15	-	-	-	3	25	41	26	4	1	-	-	-
16	-	-	-	3	26	40	26	4	1	-	-	-
17	-	-	-	5	25	40	25	4	1	-	-	-
18	-	-	-	6	27	39	23	5	1	-	-	-
19	-	-	-	6	28	38	23	5	-	-	-	-
20	-	-	-	5	31	36	23	5	-	-	-	-
21	-	-	-	5	32	34	25	5	-	-	-	-
22	-	-	-	1	25	43	26	6	-	-	-	-
23	-	-	-	-	14	43	28	15	-	-	-	-
MEAN	-	-	-	1	13	33	33	14	2	0	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : NOV

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	-	-	-	10	48	32	7	3	-	-	-	-
01	-	-	-	6	41	36	15	2	-	-	-	-
02	-	-	-	3	35	37	21	3	-	-	-	-
03	-	-	-	2	30	38	25	4	1	-	-	-
04	-	-	-	1	31	37	26	5	-	-	-	-
05	-	-	-	1	33	34	29	3	-	-	-	-
06	-	-	-	2	37	36	22	3	-	-	-	-
07	-	-	1	6	43	35	13	2	-	-	-	-
08	-	-	1	7	48	35	8	1	-	-	-	-
09	-	-	1	10	51	29	8	1	-	-	-	-
10	-	-	1	14	51	27	7	-	-	-	-	-
11	-	-	2	23	46	24	5	-	-	-	-	-
12	-	-	2	25	47	20	6	-	-	-	-	-
13	-	-	2	27	45	19	6	-	-	-	-	-
14	-	1	2	32	43	17	5	-	-	-	-	-
15	-	1	3	33	43	15	5	-	-	-	-	-
16	-	-	3	27	49	14	7	1	-	-	-	-
17	-	-	3	29	43	16	7	1	-	-	-	-
18	-	-	6	26	49	13	5	1	-	-	-	-
19	-	-	5	31	43	15	5	1	-	-	-	-
20	-	-	6	35	39	15	4	1	-	-	-	-
21	-	-	5	33	39	18	4	1	-	-	-	-
22	-	-	4	35	38	20	1	2	-	-	-	-
23	-	-	1	23	43	27	3	2	-	-	-	-
MEAN	-	0	2	18	42	25	10	1	0	-	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT

MONTH : DEC

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE
IN SPECIFIED RANGES OF 5°C AT SPECIFIED TIMES

TIME (UTC)	TEMPERATURE(°C)											
	<-15	-15 to -10	-10 to -5	-5 to 0	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	≥35
00	1	12	34	30	21	1	1	-	-	-	-	-
01	-	4	31	30	30	4	1	-	-	-	-	-
02	-	1	21	41	30	6	2	-	-	-	-	-
03	-	-	12	46	30	8	3	-	-	-	-	-
04	-	-	8	48	30	11	3	-	-	-	-	-
05	-	-	8	52	28	10	3	-	-	-	-	-
06	-	-	10	52	26	10	2	-	-	-	-	-
07	-	1	16	48	29	4	1	-	-	-	-	-
08	-	3	28	41	23	5	-	-	-	-	-	-
09	-	5	32	37	21	5	-	-	-	-	-	-
10	-	15	25	40	17	3	-	-	-	-	-	-
11	-	16	33	34	15	2	-	-	-	-	-	-
12	2	14	35	34	13	3	-	-	-	-	-	-
13	1	19	31	35	11	3	-	-	-	-	-	-
14	1	22	32	32	12	2	-	-	-	-	-	-
15	4	19	34	30	12	1	-	-	-	-	-	-
16	5	18	36	30	10	2	-	-	-	-	-	-
17	5	21	36	24	13	1	-	-	-	-	-	-
18	6	21	32	26	12	1	1	-	-	-	-	-
19	5	25	34	25	11	-	1	-	-	-	-	-
20	6	25	35	23	11	-	1	-	-	-	-	-
21	4	28	36	22	10	-	1	-	-	-	-	-
22	5	27	34	23	11	-	1	-	-	-	-	-
23	5	18	34	29	14	-	1	-	-	-	-	-
MEAN	2	13	27	34	18	3	0	-	-	-	-	-

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION TABULAR FORM MODEL E

AERODROME : MEMANBETSU AIRPORT [ANNUAL]

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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

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

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

MONTHLY MEAN													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Daily mean air temperature(° C)	-7.6	-6.6	-0.4	6.6	11.6	16.4	21.8	21.5	17.4	10.2	3.8	-4.2	7.6
Daily maximum air temperature(° C)	-2.3	-1.2	4.9	13.3	18.2	22.6	27.8	26.8	23.3	16.1	9.0	1.0	13.3
Daily minimum air temperature(° C)	-14.1	-13.8	-6.3	0.4	5.5	11.1	17.2	17.3	11.8	4.5	-1.9	-10.4	1.8
MONTHLY TOTAL													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Precipitation (mm)	19.0	15.8	22.5	46.5	51.6	59.4	75.8	122.7	107.0	79.6	66.1	25.0	691.0
Snow fall(cm)	104	86	71	12	-	-	-	-	-	x	9	57	x
EXTREMES													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Daily minimum air pressure(hPa)	967.2	953.6	982.4	976.7	983.8	983.5	979.1	985.2	986.7	980.4	976.2	968.8	953.6
Daily maximum air temperature(° C)	6.6	13.7	17.5	29.9	30.4	33.4	37.3	36.7	34.7	30.4	20.3	14.4	37.3
Daily minimum air temperature(° C)	-22.3	-23.7	-20.9	-8.2	-3.2	0.4	9.4	7.8	3.1	-4.3	-11.9	-19.7	-23.7
Daily precipitation(mm)	14.5	15.0	13.5	50.0	27.0	36.5	48.0	102.0	49.5	35.5	70.0	11.0*	102.0
Daily max.one-hour precipitation(mm)	2.0*	6.5	3.0*	7.5	6.5	20.5*	22.0	17.5	22.0	9.0	9.5	3.5*	22.0*
Daily max.ten-minute precipitation(mm)	0.5*	1.5	2.0	2.0	5.5	12.0	10.0	12.5	10.5	4.0	3.0	1.5	12.5
Daily totals of snowfall(cm)	53	45	51	23	-	-	-	-	-	x	16	29	53
Daily maximum of snow cover(cm)	63	67*	68	17	-	-	-	-	-	0*	17	60	68
Daily maximum wind speed(kt)	28	24	32	33	31*	37	22*	26*	32	25	32	41	41
with wind direction(36DIR.)	36	32	15	18	17*	18	20*	18*	17	19	33	36	36
Daily maximum peak gust(kt)	39	43	40*	44	42	49	30*	34	44	35	53	58	58
with wind direction(36DIR.)	30	31	35*	18	18	18	19*	17	36	36	33	35	35

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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	31.0	28.2	28.0	14.0	1.6	-	-	-	-	4.0	22.0	30.2	159.0
	≥25.0° C	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily mean air temperature	<0.0° C	30.8	27.2	17.0	0.6	-	-	-	-	-	2.8	25.0	103.4	
	≥25.0° C	-	-	-	-	-	6.8	5.4	0.2	-	-	-	12.4	
Daily maximum air temperature	<0.0° C	24.2	20.0	5.2	-	-	-	-	-	-	0.2	15.0	64.6	
	≥25.0° C	-	-	-	0.6	5.2	12.2	22.2	19.8	9.2	1.0	-	70.2	
	≥30.0° C	-	-	-	-	0.4	3.4	10.6	8.4	0.4	0.2	-	23.4	
	≥35.0° C	-	-	-	-	-	-	2.2	0.8	-	-	-	3.0	
Daily precipitation	≥0.5mm	8.2	7.0	8.2	10.0	10.8	9.4	9.2	15.0	10.4	11.8	12.0	7.0	119.0
	≥3.0mm	1.8	1.8	3.2	3.6	5.8	5.2	4.8	7.6	6.2	7.0	5.0	3.4	55.4
	≥5.0mm	1.0	0.8	0.8	2.2	3.8	4.0	3.8	6.0	5.6	4.6	3.2	2.2	38.0
	≥10.0mm	0.4	0.2	0.4	1.2	1.6	2.0	2.4	3.2	3.6	2.6	2.0	0.4	20.0
	≥30.0mm	-	-	-	0.2	-	0.2	0.6	0.8	1.0	0.4	0.2	-	3.4
	≥50.0mm	-	-	-	0.2	-	-	-	0.4	-	-	0.2	-	0.8
	≥70.0mm	-	-	-	-	-	-	-	0.2	-	-	0.2	-	0.4
≥100.0mm	-	-	-	-	-	-	-	0.2	-	-	-	-	0.2	

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

AIR PRESSURE(hPa) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1008.5	1008.6	1010.1	1008.6	1006.2	1004.7	1004.7	1005.6	1010.4	1013.4	1010.1	1007.4	1008.2
01	1008.4	1008.5	1009.8)	1008.3	1006.0	1004.5	1004.5	1005.4	1010.2	1013.0	1009.9	1007.1	1008.0)
02	1007.8	1008.1	1009.3	1007.8	1005.7	1004.2	1004.2	1005.1	1009.7	1012.5	1009.2	1006.3	1007.5
03	1007.2	1007.4	1008.8	1007.4	1005.3	1003.9	1003.9	1004.8	1009.3	1012.0	1008.7	1005.7	1007.0
04	1006.8	1007.0	1008.3	1007.1	1005.1	1003.7	1003.7	1004.6	1009.0	1011.6	1008.3	1005.4	1006.7
05	1006.9	1006.9	1008.2)	1006.9	1004.9	1003.6	1003.6	1004.4	1008.8	1011.6	1008.4	1005.5	1006.6)
06	1007.2	1007.2	1008.3	1006.9	1004.9	1003.6	1003.6	1004.4	1008.9	1011.8	1008.7	1005.8	1006.8
07	1007.5	1007.5	1008.5	1007.1	1005.1	1003.7	1003.7	1004.6	1009.0	1012.1	1009.0	1006.1	1007.0
08	1007.9	1007.9	1008.9	1007.4	1005.3	1003.8	1003.8	1004.7	1009.3	1012.4	1009.3	1006.4	1007.3
09	1008.2	1008.3	1009.4	1007.8	1005.6	1004.2	1004.1	1005.0	1009.6	1012.9	1009.6	1006.7	1007.6
10	1008.4	1008.4	1009.8	1008.4	1006.1	1004.4	1004.4	1005.4	1010.1	1013.1	1009.7	1006.8	1007.9
11	1008.5	1008.6	1010.0	1008.8	1006.6	1004.8	1004.9	1005.8	1010.4	1013.2	1009.7	1006.9	1008.2
12	1008.5	1008.6	1010.2	1008.8	1006.7	1005.1	1005.1	1005.9	1010.3	1013.4	1009.9	1007.0	1008.3
13	1008.6	1008.6	1010.3	1008.8	1006.7	1005.0	1005.0	1005.9	1010.3)	1013.4	1009.8	1007.0	1008.3)
14	1008.5	1008.5	1010.1	1008.8	1006.7	1004.8	1005.0	1005.8	1010.2)	1013.2	1009.7	1007.0	1008.2)
15	1008.3	1008.6)	1010.0	1008.7	1006.5	1004.6	1004.8	1005.6	1010.1)	1013.1	1009.5	1006.7	1008.0)
16	1008.1	1008.3	1009.8	1008.8	1006.2	1004.6	1004.5	1005.4	1009.8)	1012.8	1009.9	1006.7	1007.9)
17	1008.1	1008.2	1009.6	1008.8	1006.1	1004.6	1004.4	1005.4	1009.6)	1012.6	1009.9	1006.8	1007.8)
18	1008.0	1008.0	1009.5	1008.7	1006.1	1004.6	1004.4	1005.3	1009.6)	1012.7	1009.8	1006.6	1007.8)
19	1007.9	1008.1	1009.6	1008.8	1006.2	1004.8	1004.6	1005.4	1009.7)	1012.8	1009.8	1006.5	1007.9)
20	1008.0	1008.2	1009.7	1008.9	1006.5	1005.0	1004.8	1005.7	1010.0)	1013.0	1009.8	1006.7	1008.0)
21	1008.2	1008.3	1009.9	1009.1	1006.6	1005.0	1004.9	1005.8	1010.3	1013.2	1009.9	1006.9	1008.2
22	1008.3	1008.6	1010.0	1009.0	1006.6	1005.1	1005.0	1005.8	1010.3	1013.4	1010.2	1007.1	1008.3
23	1008.5	1008.8	1010.1	1008.8	1006.5	1004.9	1004.9	1005.7	1010.4	1013.6	1010.3	1007.3	1008.3
MEAN	1008.0	1008.1)	1009.5)	1008.3	1006.0	1004.5	1004.4	1005.3	1009.8)	1012.8	1009.5	1006.6	1007.7)

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

AIR TEMPERATURE(°C) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	-8.2	-6.9	0.4	9.0	14.2	18.6	23.6	23.1	19.1	11.6	4.7	-4.3	8.8
01	-6.7	-5.1	1.7)	10.2	15.3	19.7	24.7	24.1	20.4	13.2	5.9	-2.6	10.1)
02	-5.2	-3.7	2.8	10.8	16.0	20.5	25.6	24.8	21.2	14.3	6.9	-1.2	11.1
03	-4.1	-2.8	3.3	11.0	16.3	20.8	26.1	25.1	21.8	14.7	7.4	-0.3	11.7
04	-3.5	-2.4	3.5	11.2	16.1	20.7	26.1	25.2	22.0	14.8	7.5	0.0	11.8
05	-3.4	-2.4	3.3)	11.0	15.7	20.3	25.8	24.9	21.8	14.6	7.4	0.0	11.6)
06	-3.7	-2.7	2.9	10.5	15.3	19.7	25.3	24.5	21.3	13.8	6.8	-0.6	11.1
07	-4.6	-3.4	2.3	9.6	14.5	19.0	24.4	23.8	20.4	12.7	5.6	-1.7	10.3
08	-5.5	-4.3	1.4	8.4	13.6	18.1	23.5	22.9	19.1	11.5	4.6	-2.8	9.2
09	-6.3	-5.2	0.5	7.1	12.4	17.1	22.3	21.8	17.9	10.4	4.0	-3.5	8.3
10	-7.1	-6.0	0.0	6.1	11.2	16.1	21.2	21.0	17.0	9.7	3.5	-4.2	7.4
11	-7.7	-6.7	-0.7	5.5	10.4	15.2	20.4	20.4	16.3	9.1	2.9	-4.8	6.7
12	-8.0	-7.2	-1.2	4.9	9.7	14.7	19.9	20.1	15.7	8.6	2.5	-5.1	6.3
13	-8.5	-7.7	-1.7	4.5	9.2	14.2	19.6	19.7	15.3)	8.3	2.3	-5.4	5.8)
14	-8.7	-8.1	-2.0	4.1	8.9	13.9	19.3	19.4	15.0)	8.0	1.9	-5.7	5.5)
15	-9.2	-8.5)	-2.4	3.7	8.5	13.6	19.0	19.2	14.6)	7.7	1.8	-6.1	5.2)
16	-9.5	-8.8	-2.8	3.4	8.1	13.0	18.6	19.0	14.5)	7.7	2.0	-6.0	4.9)
17	-9.8	-9.0	-3.2	3.1	7.8	12.7	18.4	18.8	14.2)	7.5	1.9	-6.4	4.7)
18	-10.1	-9.4	-3.4	2.9	7.5	12.4	18.2	18.6	13.9)	7.2	1.7	-6.4	4.4)
19	-10.2	-9.7	-3.7	2.6	7.3	12.3	18.1	18.5	13.8)	7.0	1.6	-6.7	4.3)
20	-10.2	-9.8	-3.8	2.5	7.8	13.0	18.5	18.6	13.5)	6.8	1.4	-6.8	4.3)
21	-10.3	-9.8	-3.7	3.5	9.1	14.2	19.6	19.5	14.2	6.8	1.4	-6.9	4.8
22	-10.4	-9.6	-2.8	5.1	10.8	15.6	20.9	20.7	15.6	8.0	1.8	-7.0	5.8
23	-9.7	-8.6	-1.2	7.2	12.5	17.2	22.4	21.9	17.3	9.8	3.1	-5.9	7.2
MEAN	-7.5	-6.6)	-0.4)	6.6	11.6	16.4	21.7	21.5	17.4)	10.2	3.8	-4.2	7.6)

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

VAPOR PRESSURE(hPa) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2.7	2.9	4.4	6.8	10.0	15.1	21.9	22.3	17.0	10.7	6.8	3.5	10.4
01	2.9	3.1	4.5)	6.7	9.8	15.1	22.1	22.5	16.9	10.8	6.8	3.7	10.4)
02	3.1	3.2	4.5	6.7	9.8	15.1	22.1	22.6	16.7	10.7	6.8	3.8	10.5
03	3.2	3.3	4.5	6.7	9.8	15.2	22.2	22.5	16.7	10.4	6.8	3.8	10.5
04	3.2	3.3	4.5	6.7	9.8	15.1	22.2	22.6	16.6	10.3	6.7	3.8	10.4
05	3.2	3.3	4.6)	6.7	9.9	15.1	22.1	22.5	16.5	10.3)	6.7	3.8	10.4)
06	3.2	3.4	4.6	6.7	9.7	14.9	21.9	22.3	16.6	10.5	6.7	3.8	10.4
07	3.1	3.3	4.6	6.7	9.6	14.8	21.5	22.0	16.5	10.5	6.7	3.7	10.3
08	3.1	3.3	4.6	6.6	9.6	14.6	21.2	21.7	16.4	10.5	6.6	3.6	10.2
09	3.0	3.2	4.6	6.6	9.5	14.3	21.1	21.4	16.2	10.4)	6.6	3.6	10.1)
10	2.9	3.1	4.5	6.6	9.5	14.1	20.8	21.2	16.3	10.2)	6.5	3.5	10.0)
11	2.9	3.0	4.5	6.6	9.5	14.1	20.5	21.1	16.1	10.1	6.4	3.5	9.9
12	2.8	2.9	4.4	6.5	9.4	14.0	20.4	20.9	15.9	9.9	6.3	3.4	9.8
13	2.7	2.9	4.4	6.5	9.3	14.0	20.3	20.7	15.7)	9.8	6.2	3.4	9.7)
14	2.7	2.8	4.3	6.5	9.2	13.9	20.1	20.5	15.6)	9.7	6.1	3.3	9.6)
15	2.7	2.7)	4.2	6.4	9.1	13.8	20.0	20.3	15.4)	9.6	6.1	3.3	9.5)
16	2.6	2.7	4.1	6.3	9.0	13.4	19.6	20.2	15.4)	9.7	6.2	3.3	9.4)
17	2.6	2.7	4.0	6.2	8.9	13.3	19.5	20.1	15.2)	9.6	6.2	3.2	9.3)
18	2.5	2.6	4.0	6.1	8.8	13.2	19.3	20.0	15.0)	9.5	6.1	3.2	9.2)
19	2.5	2.6	3.9	6.1	8.8	13.1	19.2	19.9	14.9)	9.4	6.1	3.2	9.2)
20	2.5	2.5	3.9	6.1	9.1	13.5	19.6	20.1	14.7)	9.3	6.0	3.1	9.2)
21	2.5	2.5	3.9	6.4	9.5	14.0	20.3	20.7	15.1	9.4	6.0	3.1	9.5
22	2.5	2.6	4.1	6.7	9.8	14.5	21.0	21.3	15.8	9.8	6.2	3.1	9.8
23	2.6	2.7	4.3	6.8	9.9	15.0	21.5	21.9	16.6	10.4	6.5	3.3	10.2
MEAN	2.8	2.9)	4.3)	6.5	9.5	14.3	20.8	21.3	16.0)	10.1)	6.4	3.5	9.9)

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

RELATIVE HUMIDITY(%) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	78	77	69	60	63	70	74	77	76	76	76	75	73
01	75	73	64)	55	59	66	71	74	70	69	71	70	68)
02	71	69	60	53	57	64	68	71	65	64	66	66	64
03	69	65	59	53	56	63	66	70	63	61	64	62	63
04	66	64	59	53	57	63	66	70	62	60	63	60	62
05	66	65	60)	54	58	64	67	71	63	61)	63	60	63)
06	67	67	62	55	59	65	68	72	65	65	66	63	65
07	70	70	65	57	61	67	70	74	68	70	71	67	67
08	74	74	68	61	63	70	73	77	73	75	75	70	71
09	75	77	72	66	67	73	77	81	78	80)	77	73	75)
10	78	79	73	70	72	76	81	84	82	82)	80	75	78)
11	79	80	76	72	75	80	84	86	85	84	81	77	80
12	80	80	78	74	77	82	86	87	87	86	82	78	81
13	80	81	79	76	79	85	87	88	88)	86	82	79	83)
14	80	81	80	77	80	85	88	89	89)	87	83	79	83)
15	81	81)	80	78	81	87	89	90	90)	88	84	80	84)
16	82	82	81	79	82	87	90	90	90)	88	84	80	85)
17	81	82	81	79	83	88	90	91	91)	90	84	80	85)
18	82	82	81	80	84	89	91	91	91)	90	84	80	85)
19	82	83	81	81	84	89	91	91	91)	90	85	80	86)
20	82	83	82	81	84	88	90	91	92)	91	85	81	86)
21	82	83	81	79	81	84	88	89	90	91	85	80	84
22	82	83	79	75	75	80	84	86	87	88	84	81	82
23	81	81	74	67	69	75	79	82	82	83	82	79	78
MEAN	77	77)	73)	68	71	77	80	82	80)	79)	77	74	76)

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

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

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	18	17	19	18	18	18	21	22	21	21	20	20	21
01	20	17	36)	21	36	1	36	18	21	22	24	24	21
02	17	16	1	1	1	36	1	36	21	20	21	19	1
03	34	34	36	1	36	36	36	16*	19	35	34	22	36
04	36	1	1	1	1	7	6	16	36	36	34	17	1
05	36	1	1	1	1	1	7	36	1	2	1	31	36)
06	34	1	6	1	2	36	7	36	7	36	1	30	36
07	34	34	6	36	36	36	7	7	7	35	3	30	36
08	33	36	36	36	17	36	6	6	18	35	18	29	36
09	33	34	35	35	18	36	17	18*	17	18	22	20	17
10	19	35	36	18	18	18	17	17	20	17	20	18	18
11	21	18	36	18	17	17	18	18	20	19	21	18	18
12	21	18	18	19	18	18	18	19	19	18	21	20	18
13	17	18	18	18	18	19	18	18	20	19	20	21	19
14	20	19	21	19	18	19	19	19	18	20	20	19	19
15	18	18	19	19	19	19	19	20	20	20	20	20	19
16	18	20	19	18	18	20	18	19	18	19	21	20	18
17	18	20	18	20	20	19	19	19	20	18	19	20	20
18	18	19	19	19	18	18	18	20	18	20	21	17	18
19	18	18	19	19	20	18	18	19	18	20	18	17	19
20	18	18	18	21	20	20	20	19	19	18	19	18	18
21	17	17	20	20	19	20	19	21	20	19	18	17	20
22	18	18	19	20	20	20	21	21	20	20	19	20	19
23	17	18	21	21	19	18	22	19*	20	21	22	20	20
MEAN	18	18	18	19	18	18	18	18	20	19	21	18	18

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

WIND SPEED(kt) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6.3	5.4	6.8	8.6	7.8	6.4	5.8	6.9	6.3	5.5	5.6	5.4	6.4
01	5.9	5.5	7.3)	9.7	8.9	7.2	6.2	7.6	6.9	6.1	6.2	5.5	6.9)
02	5.8	5.9	7.9	10.6	9.7	8.3	6.6	8.3	7.3	6.9	6.4	5.7	7.5
03	5.9	6.7	8.6	11.1	9.8	9.2	7.4	8.9	7.8	7.6	7.3	6.1	8.0
04	6.3	7.3	8.9	10.8	10.9	9.9	8.3	9.1	8.5	7.7	7.2	6.3	8.4
05	6.4	7.9	9.3)	11.5	10.7	9.9	8.4	9.0	8.9	7.8	7.6	6.6	8.7)
06	6.4	7.8	9.2	11.3	10.7	9.4	8.7	9.0	8.6	7.7	6.8	6.0	8.5
07	5.3	6.7	8.4	10.5	9.8	9.0	8.2	8.5	8.0	6.8	5.7	5.4	7.7
08	4.7	5.5	7.3	9.0	9.1	8.6	7.6	7.9	6.4	5.5	5.0	4.6	6.8
09	4.7	5.0	6.3	7.5	8.1	7.2	7.0	7.1	5.3	5.0	4.6	4.7	6.1
10	4.9	4.7	5.8	6.5	6.8	6.3	6.3	6.3	4.9	4.8	4.7	5.1	5.6
11	5.1	4.8	5.6	5.9	6.4	5.8	5.7	6.1	4.8	4.8	4.6	4.8	5.4
12	5.5	4.7	5.6	5.7	6.5	5.4	5.4	5.8	4.7	5.2	4.6	5.0	5.4
13	5.3	5.1	5.4	5.9	6.3	5.2	5.1	5.8	5.0)	5.4	5.0	5.3	5.4)
14	5.4	5.0	5.8	6.0	6.2	5.2	5.0	5.6	5.3)	5.5	5.0	5.2	5.4)
15	5.4	5.2)	6.0	6.2	6.1	5.1	5.0	5.4	5.1)	5.5	4.8	5.4	5.4)
16	5.8	5.0	5.9	6.1	6.0	5.2	4.8	5.4	5.1)	5.3	4.9	5.3	5.4)
17	5.9	5.3	6.0	6.1	5.7	5.5	4.8	5.4	5.2)	5.1	5.0	5.1	5.4)
18	6.1	5.4	5.9	6.4	5.8	5.1	4.8	5.3	5.4)	5.0	4.9	5.5	5.5)
19	5.9	5.1	6.0	6.0	5.7	5.1	4.5	5.3	5.6)	4.8	5.1	5.5	5.4)
20	6.2	5.2	5.7	5.9	5.9	5.3	4.6	5.2	5.3)	5.1	5.1	5.4	5.4)
21	6.2	5.1	6.2	6.4	5.9	5.5	5.1	5.3	5.4	5.0	5.1	5.6	5.6
22	5.9	5.2	6.3	6.9	6.3	5.6	5.2	6.2	5.3	5.1	5.2	5.7	5.7
23	6.1	5.5	6.3	7.5	6.9	5.9	5.5	6.4	5.6	5.3	5.5	5.6	6.0
MEAN	5.7	5.6)	6.8)	7.8	7.6	6.7	6.1	6.7	6.1)	5.8	5.5	5.4	6.3)

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

DAILY MEAN, DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE(°C)												
DAY	JAN			FEB			MAR			APR		
	MEAN	MAX.	MIN.	MEAN	MAX.	MIN.	MEAN	MAX.	MIN.	MEAN	MAX.	MIN.
01	-7.7	-2.2	-14.3	-7.9	-2.6	-14.8	-4.8	1.0	-11.9	3.7	10.0	-2.4
02	-7.9	-2.3	-14.6	-8.0	-2.6	-15.1	-4.6	1.3	-11.7	4.0	10.4	-2.2
03	-8.0	-2.4	-14.8	-8.1	-2.6	-15.3	-4.3	1.6	-11.4	4.3	10.8	-2.0
04	-8.0	-2.4	-14.9	-8.1	-2.6	-15.5	-4.1	1.9	-11.1	4.5	11.2	-1.8
05	-8.0	-2.3	-14.9	-8.1	-2.5	-15.5	-3.8	2.2	-10.7	4.8	11.7	-1.6
06	-7.9	-2.2	-14.8	-8.1	-2.4	-15.6	-3.5	2.5	-10.3	5.1	12.1	-1.4
07	-7.8	-2.1	-14.6	-7.9	-2.3	-15.5	-3.1	2.8	-9.8	5.5	12.5	-1.1
08	-7.6	-2.0	-14.4	-7.8	-2.1	-15.3	-2.7	3.0	-9.3	5.8	12.8	-0.9
09	-7.5	-1.9	-14.2	-7.5	-1.8	-15.0	-2.4	3.3	-8.7	6.0	13.1	-0.6
10	-7.3	-1.8	-13.9	-7.2	-1.6	-14.7	-2.0	3.5	-8.1	6.3	13.4	-0.4
11	-7.1	-1.7	-13.7	-6.9	-1.4	-14.3	-1.7	3.6	-7.6	6.5	13.6	-0.1
12	-7.0	-1.7	-13.5	-6.7	-1.1	-13.9	-1.4	3.8	-7.0	6.7	13.7	0.1
13	-7.0	-1.7	-13.4	-6.4	-0.9	-13.5	-1.1	3.9	-6.5	6.8	13.8	0.3
14	-7.0	-1.8	-13.4	-6.1	-0.8	-13.1	-0.8	4.1	-6.1	7.0	13.8	0.5
15	-7.0	-1.9	-13.4	-5.9	-0.6	-12.8	-0.5	4.2	-5.7	7.1	13.8	0.7
16	-7.0	-2.0	-13.4	-5.7	-0.5	-12.5	-0.3	4.4	-5.4	7.2	13.8	0.9
17	-7.1	-2.1	-13.5	-5.6	-0.4	-12.3	-0.1	4.6	-5.1	7.2	13.8	1.0
18	-7.2	-2.2	-13.5	-5.5	-0.4	-12.1	0.1	4.8	-4.9	7.3	13.7	1.1
19	-7.3	-2.3	-13.6	-5.4	-0.4	-12.0	0.4	5.1	-4.7	7.3	13.7	1.2
20	-7.3	-2.4	-13.7	-5.4	-0.4	-12.0	0.6	5.5	-4.5	7.4	13.8	1.3
21	-7.4	-2.5	-13.7	-5.4	-0.4	-12.0	0.9	5.8	-4.3	7.4	13.8	1.4
22	-7.4	-2.5	-13.7	-5.4	-0.3	-12.0	1.2	6.1	-4.1	7.5	13.9	1.5
23	-7.4	-2.5	-13.7	-5.4	-0.2	-12.1	1.4	6.5	-4.0	7.6	14.0	1.5
24	-7.4	-2.5	-13.6	-5.4	-0.1	-12.1	1.7	6.9	-3.8	7.7	14.1	1.6
25	-7.4	-2.5	-13.6	-5.3	0.0	-12.2	2.0	7.3	-3.6	7.8	14.2	1.7
26	-7.4	-2.5	-13.7	-5.3	0.2	-12.2	2.3	7.7	-3.4	7.9	14.3	1.8
27	-7.4	-2.5	-13.8	-5.1	0.4	-12.1	2.5	8.1	-3.2	8.0	14.5	1.9
28	-7.4	-2.5	-13.9	-5.0	0.7	-12.0	2.7	8.4	-3.1	8.1	14.6	2.0
29	-7.5	-2.5	-14.0	-4.9	0.9	-11.9	3.0	8.8	-2.9	8.3	14.7	2.1
30	-7.6	-2.6	-14.3				3.2	9.2	-2.7	8.4	14.9	2.3
31	-7.8	-2.6	-14.5				3.5	9.6	-2.6			

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

DAILY MEAN, DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE(°C)												
DAY	MAY			JUN			JUL			AUG		
	MEAN	MAX.	MIN.									
01	8.5	15.1	2.4	12.3	18.1	7.2	19.7	26.1	14.5	22.8	28.1	18.7
02	8.7	15.2	2.5	12.5	18.3	7.4	19.9	26.2	14.8	22.7	27.9	18.7
03	8.9	15.4	2.7	12.8	18.6	7.6	20.1	26.3	15.1	22.5	27.7	18.5
04	9.1	15.7	2.8	13.1	18.9	8.0	20.2	26.4	15.3	22.4	27.5	18.4
05	9.3	15.9	3.0	13.5	19.4	8.3	20.4	26.5	15.6	22.2	27.3	18.3
06	9.6	16.3	3.2	13.9	19.8	8.7	20.5	26.6	15.8	22.0	27.0	18.1
07	9.9	16.6	3.5	14.3	20.3	9.1	20.6	26.7	16.0	21.8	26.8	18.0
08	10.3	17.0	3.8	14.7	20.8	9.5	20.7	26.8	16.1	21.6	26.6	17.8
09	10.6	17.4	4.1	15.1	21.2	9.9	20.8	26.9	16.2	21.5	26.5	17.6
10	11.0	17.9	4.4	15.5	21.7	10.3	20.9	27.0	16.4	21.3	26.3	17.4
11	11.5	18.4	4.8	15.8	22.0	10.6	21.0	27.1	16.5	21.2	26.2	17.3
12	11.9	18.8	5.2	16.1	22.3	10.9	21.1	27.2	16.6	21.1	26.2	17.1
13	12.3	19.3	5.6	16.3	22.6	11.2	21.2	27.3	16.7	21.0	26.1	17.0
14	12.6	19.6	6.0	16.6	22.7	11.4	21.4	27.5	16.8	21.0	26.1	16.9
15	13.0	19.9	6.3	16.7	22.9	11.6	21.5	27.7	16.9	21.0	26.2	16.8
16	13.2	20.2	6.6	16.9	23.0	11.7	21.7	27.8	17.1	21.0	26.3	16.8
17	13.4	20.3	6.9	17.0	23.1	11.8	21.8	28.0	17.2	21.1	26.4	16.8
18	13.5	20.3	7.1	17.1	23.2	11.9	22.0	28.2	17.4	21.1	26.5	16.8
19	13.5	20.3	7.2	17.3	23.4	12.0	22.2	28.3	17.6	21.2	26.7	16.8
20	13.4	20.1	7.2	17.5	23.6	12.1	22.4	28.5	17.8	21.4	26.8	16.9
21	13.3	19.9	7.2	17.6	23.8	12.3	22.5	28.6	18.0	21.5	27.0	16.9
22	13.2	19.6	7.2	17.8	24.0	12.4	22.7	28.7	18.2	21.5	27.1	17.0
23	13.0	19.4	7.1	18.0	24.3	12.6	22.8	28.8	18.4	21.6	27.1	17.0
24	12.8	19.1	7.0	18.3	24.6	12.8	22.9	28.9	18.5	21.6	27.2	17.0
25	12.6	18.8	7.0	18.5	24.9	13.0	23.0	28.9	18.6	21.6	27.1	17.0
26	12.4	18.5	6.9	18.7	25.1	13.2	23.1	28.9	18.7	21.6	27.1	17.0
27	12.3	18.2	6.8	18.9	25.4	13.5	23.1	28.8	18.8	21.5	27.0	16.9
28	12.2	18.1	6.8	19.1	25.6	13.7	23.1	28.7	18.8	21.4	26.9	16.7
29	12.2	18.0	6.8	19.3	25.8	14.0	23.1	28.6	18.8	21.2	26.7	16.6
30	12.2	17.9	6.9	19.5	26.0	14.3	23.0	28.4	18.8	21.1	26.6	16.4
31	12.2	18.0	7.0				22.9	28.3	18.8	20.9	26.4	16.1

AERONAUTICAL CLIMATOLOGICAL INFORMATION

AERODROME : MEMANBETSU AIRPORT

PERIOD OF RECORD : 2021-2025

LATITUDE : 43° 52.50'N, LONGITUDE : 144° 9.51'E, ELEVATION ABOVE MSL : 108ft

DAILY MEAN, DAILY MAXIMUM AND DAILY MINIMUM AIR TEMPERATURE(°C)												
DAY	SEP			OCT			NOV			DEC		
	MEAN	MAX.	MIN.									
01	20.7	26.3	15.9	14.6	20.4	9.3	6.9	12.3	1.4	0.2	5.5	-5.9
02	20.5	26.1	15.6	14.3	20.0	9.0	6.6	12.0	1.2	-0.1	5.2	-6.3
03	20.3	26.0	15.4	14.0	19.6	8.7	6.4	11.7	1.0	-0.5	4.9	-6.7
04	20.1	25.9	15.1	13.6	19.2	8.2	6.2	11.5	0.7	-0.8	4.7	-7.1
05	19.9	25.7	14.8	13.2	18.7	7.8	5.9	11.2	0.4	-1.1	4.3	-7.4
06	19.7	25.6	14.5	12.7	18.3	7.3	5.7	11.0	0.1	-1.5	4.0	-7.8
07	19.5	25.4	14.3	12.3	18.0	6.8	5.4	10.7	-0.2	-1.8	3.7	-8.1
08	19.3	25.2	14.0	12.0	17.7	6.3	5.2	10.5	-0.6	-2.2	3.3	-8.5
09	19.1	24.9	13.7	11.6	17.4	5.8	4.9	10.3	-0.9	-2.6	2.9	-8.8
10	18.8	24.6	13.4	11.3	17.2	5.4	4.7	10.1	-1.2	-3.0	2.5	-9.2
11	18.5	24.3	13.1	11.1	17.0	5.0	4.5	9.9	-1.4	-3.3	2.0	-9.6
12	18.2	24.0	12.8	10.8	16.9	4.7	4.3	9.7	-1.7	-3.7	1.6	-10.0
13	17.9	23.7	12.5	10.6	16.7	4.4	4.1	9.5	-1.9	-4.1	1.2	-10.4
14	17.5	23.4	12.1	10.4	16.5	4.1	3.9	9.3	-2.1	-4.5	0.8	-10.7
15	17.2	23.0	11.8	10.2	16.3	3.9	3.7	9.1	-2.3	-4.8	0.5	-11.1
16	16.9	22.7	11.4	9.9	16.1	3.7	3.5	8.9	-2.4	-5.1	0.2	-11.4
17	16.6	22.4	11.1	9.7	15.9	3.5	3.3	8.7	-2.5	-5.4	0.0	-11.6
18	16.3	22.1	10.8	9.5	15.6	3.3	3.2	8.5	-2.6	-5.6	-0.2	-11.8
19	16.1	21.9	10.5	9.2	15.3	3.2	3.0	8.3	-2.7	-5.7	-0.4	-11.9
20	15.9	21.7	10.3	9.0	15.0	3.0	2.9	8.1	-2.8	-5.8	-0.6	-12.0
21	15.7	21.6	10.1	8.7	14.8	2.8	2.7	7.9	-2.9	-5.9	-0.7	-12.0
22	15.6	21.5	9.9	8.5	14.6	2.7	2.5	7.7	-3.1	-6.0	-0.8	-12.0
23	15.5	21.4	9.8	8.3	14.3	2.5	2.4	7.4	-3.2	-6.0	-0.9	-12.0
24	15.4	21.4	9.7	8.1	14.1	2.4	2.2	7.2	-3.4	-6.1	-1.0	-12.1
25	15.4	21.3	9.7	8.0	13.9	2.3	1.9	7.0	-3.7	-6.2	-1.1	-12.2
26	15.4	21.3	9.7	7.8	13.7	2.2	1.7	6.8	-4.0	-6.3	-1.3	-12.3
27	15.3	21.2	9.7	7.7	13.5	2.1	1.4	6.5	-4.3	-6.5	-1.4	-12.6
28	15.2	21.1	9.7	7.5	13.3	2.0	1.1	6.3	-4.7	-6.7	-1.6	-12.9
29	15.1	20.9	9.6	7.4	13.1	1.9	0.8	6.0	-5.0	-7.0	-1.8	-13.2
30	14.9	20.7	9.5	7.2	12.8	1.8	0.5	5.7	-5.4	-7.2	-2.0	-13.6
31				7.1	12.6	1.6				-7.5	-2.1	-14.0