AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM MODEL A

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ):03

Annual PERIOD OF RECORD:2011 - 2020

TOTAL NUMBER OF OBSERVATIONS: 3653

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

FREQUENCIES (PER CENT) OF RUNWAY VISUAL RANGE/VISIBILITY (BOTH IN METERS) OR HEIGHT OF 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)				
	<150	<350	<550	<800	<1500	<500	<800	<1500	<3000	<5000
	<150	<300	<600	<1000	<1500	<300	<600	<1000	<1500	<3000
0000	-	0.49	1.86	2.96	5.42	2.38	4.33	7.45	16.37	43.17
0100	-	0.19	1.40	2.63	5.37	1.31	2.46	4.90	12.15	38.84
0200	0.03	0.14	0.88	2.35	5.01	0.47	1.26	3.48	9.20	34.74
0300	-	-	0.36	0.99	2.85	0.03	0.44	1.59	5.80	31.21
0400	-	-	0.11	0.52	1.72	-	0.11	0.93	4.27	27.79
0500	-	-	-	0.11	0.74	-	-	0.49	2.98	24.34
0600	-	-	0.03	0.03	0.38	-	0.03	0.16	1.62	22.34
0700	-	-	-	-	0.30	-	-	0.11	1.51	20.83
0800	-	-	0.03	0.11	0.27	-	-	0.27	1.18	18.67
0900	-	-	-	-	0.03	-	-	0.11	0.85	15.77
1000	-	-	0.08	0.16	0.27	-	0.08	0.30	0.90	14.34
1100	-	-	0.05	0.05	0.14	-	0.05	0.22	0.88	13.52
1200	-	-	0.03	0.05	0.16	-	0.03	0.08	0.77	13.33
1300	-	-	0.05	0.05	0.08	-	0.05	0.11	0.85	12.37
1400	-	-	-	-	0.16	-	-	0.05	0.74	10.87
1500	-	-	0.03	0.05	0.16	-	0.03	0.11	0.52	6.65
1600	-	-	0.05	0.16	0.25	-	0.05	0.19	0.47	3.70
1700	-	-	0.11	0.38	0.60	0.03	0.19	0.47	0.88	4.24
1800	-	0.03	0.05	0.27	0.66	0.11	0.19	0.57	1.37	10.21
1900	-	-	0.25	0.49	0.88	0.11	0.41	0.96	1.67	5.83
2000	0.03	0.05	0.55	0.88	1.31	0.16	0.74	1.37	1.94	7.09
2100	-	0.05	0.57	1.29	1.94	0.36	1.15	1.92	3.42	17.27
2200	0.05	0.08	0.44	1.26	2.22	0.36	1.09	1.97	3.34	11.17
2300	0.03	0.14	0.99	1.75	3.09	0.52	1.72	2.66	5.23	15.44
MEAN	0.01	0.05	0.33	0.69	1.42	0.24	0.60	1.27	3.29	17.66

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM MODEL B

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ):03

Annual PERIOD OF RECORD:2011 - 2020

TOTAL NUMBER OF OBSERVATIONS: 3653

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

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

TIME(UTC)	VISIBILITY (m)							
	<150	<350	<600	<800	<1500	<3000	<5000	<8000
0000	0.52	1.72	3.04	3.20	6.00	13.39	25.10	38.22
0100	0.11	0.77	1.34	1.37	3.09	8.35	19.57	34.33
0200	0.05	0.25	0.38	0.38	1.34	5.12	13.09	27.13
0300	-	-	0.08	0.08	0.60	3.45	8.73	19.76
0400	-	-	-	-	0.44	2.96	7.14	16.23
0500	-	-	-	-	0.38	2.41	5.75	14.43
0600	-	-	-	-	0.14	1.34	4.76	12.26
0700	-	-	-	-	0.11	1.23	4.38	11.58
0800	-	-	-	-	0.19	0.96	4.11	10.79
0900	-	-	-	-	0.11	0.82	3.45	9.14
1000	-	-	-	-	0.14	0.68	3.42	8.81
1100	-	-	-	-	0.16	0.74	3.59	9.53
1200	-	-	-	-	0.03	0.60	3.04	10.10
1300	-	-	-	-	0.05	0.79	3.53	11.00
1400	-	-	-	-	0.05	0.60	3.20	10.46
1500	-	-	-	-	0.05	0.36	1.89	6.71
1600	-	-	-	-	0.03	0.22	1.09	3.81
1700	-	-	0.05	0.05	0.14	0.33	1.34	4.95
1800	-	-	0.11	0.11	0.30	0.79	3.09	11.44
1900	-	0.03	0.19	0.19	0.63	1.04	2.46	7.91
2000	-	-	0.25	0.27	0.74	1.09	2.85	9.14
2100	-	0.03	0.63	0.68	1.23	2.30	7.36	18.83
2200	-	0.11	0.52	0.55	1.31	2.11	5.28	13.44
2300	0.05	0.22	0.85	0.99	1.81	3.50	8.21	17.41
MEAN	0.03	0.13	0.31	0.33	0.80	2.30	6.10	14.06

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM | MODEL C

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT | RWY(TDZ):03

Annual | PERIOD OF RECORD:2011 - 2020

TOTAL NUMBER OF OBSERVATIONS: 3653

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

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 TIME

TIME(UTC)	Hs (ft)						
	<200	<500	<1000	<1500	<2000	<5000	≥5000
0000	-	0.52	1.78	3.97	6.60	31.54	8.87
0100	-	0.57	2.24	4.74	7.99	32.19	8.27
0200	0.03	0.55	2.27	4.63	8.13	33.34	7.25
0300	-	0.19	0.99	2.57	6.65	32.69	6.52
0400	0.03	0.05	0.55	1.56	4.00	29.76	6.65
0500	-	-	0.11	0.63	2.27	28.03	6.13
0600	-	0.03	0.03	0.33	1.31	25.98	5.97
0700	-	-	-	0.27	0.85	25.65	5.80
0800	-	-	0.08	0.22	0.88	23.54	5.78
0900	-	-	-	0.03	0.57	20.18	7.09
1000	-	0.08	0.16	0.22	0.60	19.22	7.36
1100	-	0.05	0.05	0.14	0.66	18.59	8.32
1200	-	0.03	0.05	0.16	0.68	18.86	8.65
1300	-	0.05	0.05	0.08	0.60	17.47	7.97
1400	-	-	-	0.16	0.55	14.97	6.49
1500	-	-	0.05	0.16	0.52	10.35	4.93
1600	-	0.05	0.16	0.25	0.55	5.26	4.65
1700	-	0.08	0.33	0.55	0.79	5.50	3.97
1800	-	0.03	0.27	0.57	1.26	13.22	4.68
1900	-	0.08	0.33	0.68	1.04	6.98	4.33
2000	0.03	0.19	0.68	0.96	1.51	7.61	3.72
2100	-	0.22	0.79	1.23	2.55	16.62	4.30
2200	0.05	0.22	0.71	1.34	2.27	9.80	2.98
2300	0.03	0.41	1.01	2.00	3.20	12.54	3.72
MEAN	0.01	0.14	0.53	1.14	2.33	19.16	6.02

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM MODEL D

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ):03

Annual PERIOD OF RECORD:2011 - 2020

TOTAL NUMBER OF OBSERVATIONS: 87672

LATITUDE: 19° 57' 9'' N,LONGITUDE: 99° 52' 59'' E ,ELEVATION ABOVE MSL: 390 m

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

WIND	WIND SPEED (kt)												
DIRECTION	0	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	40-45	46-50	>50	TOTAL
CALM	19.57	-	-	-	-	-	-	-	-	-	-	-	19.57
VARIABLE	-	11.65	0.06	0.01	0.00	-	-	-	-	-	-	-	11.72
[35-36-01]	-	1.99	0.87	0.10	0.01	0.01	0.00	0.00	0.00	-	-	-	2.98
[02-03-04]	-	3.23	2.22	0.27	0.02	0.00	-	-	-	-	-	-	5.74
[05-06-07]	-	3.01	0.91	0.06	0.00	-	-	-	-	-	-	-	3.99
[08-09-10]	-	3.36	0.42	0.01	0.00	0.00	-	-	-	-	-	-	3.80
[11-12-13]	-	3.18	0.63	0.01	0.00	0.00	-	-	-	-	-	-	3.83
[14-15-16]	-	4.71	2.27	0.03	0.01	0.00	0.00	-	-	-	-	-	7.02
[17-18-19]	-	4.37	2.45	0.09	0.01	0.01	-	0.00	-	-	-	-	6.93
[20-21-22]	-	2.83	1.49	0.18	0.01	0.01	0.00	0.00	0.00	-	-	-	4.52
[23-24-25]	-	2.98	0.74	0.08	0.01	0.01	0.01	-	-	-	-	-	3.83
[26-27-28]	-	2.43	0.37	0.07	0.01	0.00	0.00	0.00	0.00	-	-	-	2.88
[29-30-31]	-	1.72	0.15	0.01	0.00	0.00	-	0.00	0.00	-	-	-	1.90
[32-33-34]	-	1.41	0.09	0.01	0.00	0.00	0.00	-	-	0.00	-	-	1.51
MEAN	19.57	3.61	0.97	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM MODEL E

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ):03

Annual PERIOD OF RECORD:2011 - 2020

TOTAL NUMBER OF OBSERVATIONS: 3653

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

FREQUENCIES (PER CENT) OF THE AIR TEMPERATURE IN SPECIFIED RANGE OF 5 °C AT SPECIFIED TIME

TIME(UTC)	TEMPERATURE (°C)								
	<10	10-14	15-19	20-24	25-29	30-34	35-39	40-45	>45
0000	0.82	6.90	23.13	44.26	19.57	-	-	-	-
0100	0.22	4.76	22.47	35.04	34.85	0.11	-	-	-
0200	0.05	1.20	15.30	31.10	47.47	2.19	-	-	-
0300	0.05	0.27	5.50	29.67	53.71	8.10	-	-	-
0400	0.05	0.08	2.11	22.17	52.67	19.05	0.63	-	-
0500	0.05	0.05	0.90	12.15	51.27	30.93	1.78	-	-
0600	0.05	0.03	0.52	7.17	44.79	40.95	3.70	-	-
0700	0.03	0.05	0.57	5.78	38.90	45.17	6.16	0.03	-
0800	0.03	0.08	0.49	4.93	36.41	46.87	8.24	0.08	-
0900	0.05	0.05	0.52	5.31	37.59	45.39	8.13	0.05	-
1000	0.05	0.05	0.71	6.76	43.85	40.27	5.80	0.03	-
1100	0.05	0.11	1.40	14.21	52.40	27.07	2.19	-	-
1200	0.05	0.30	3.59	30.22	51.16	11.69	0.22	-	-
1300	0.03	0.57	6.84	37.80	47.22	4.33	-	-	-
1400	0.05	0.79	9.66	37.61	38.16	1.83	-	-	-
1500	0.03	0.96	9.33	29.84	27.48	0.88	-	-	-
1600	0.05	0.57	6.21	18.75	17.16	0.27	-	-	-
1700	0.11	0.55	7.94	18.70	14.70	0.11	-	-	-
1800	0.19	1.92	16.75	31.48	19.76	0.08	-	-	-
1900	0.16	1.07	9.58	20.39	10.95	0.05	-	-	-
2000	0.16	1.67	9.01	21.13	9.44	-	-	-	-
2100	0.25	4.49	17.90	35.23	11.94	-	-	-	-
2200	0.19	3.23	11.11	24.83	7.36	-	-	-	-
2300	0.38	3.81	11.91	29.21	6.30	-	-	-	-
MEAN	0.13	1.40	8.06	23.07	32.30	13.56	1.54	0.01	0.00

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ): 03 PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

	MONTHLY MEAN												
ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	**ANN**
Daily Minimum Temperture (°C)	14.4	15.1	17.7	21.0	23.3	24.3	24.0	23.9	23.4	21.6	18.8	14.9	**20.2**
Daily Mean Temperture (°C)	20.9	23.1	25.6	27.6	28.1	27.9	27.0	26.7	26.7	25.7	23.9	20.8	**25.3**
Daily Maximum Temperture (°C)	26.9	30.3	32.5	33.7	33.2	31.9	30.6	30.2	30.7	30.1	29.2	26.7	**30.5**
Daily Minimum Pressure (hPa)	1012.3	1010.4	1008.0	1006.3	1004.8	1003.5	1003.7	1003.8	1006.5	1010.1	1011.7	1013.2	**1007.9**
Daily Mean Pressure (hPa)	1014.9	1013.3	1011.2	1009.8	1007.9	1006.1	1006.1	1006.4	1009.2	1012.7	1014.3	1015.8	**1010.6**
Daily Maximum Pressure (hPa)	1018.0	1016.8	1014.8	1013.3	1010.7	1008.3	1008.1	1008.5	1011.7	1015.4	1017.1	1018.7	**1013.4**
	EXTREMES												
Daily Minimum Temperture (°C)	7.0	8.0	13.0	16.0	20.0	22.0	20.0	22.0	20.0	15.0	13.0	6.0	**6.0**
Daily Maximum Temperture (°C)	32.0	34.0	38.0	40.0	40.0	37.0	37.0	36.0	35.0	35.0	33.0	31.0	**40.0**
Daily Minimum Pressure (hPa)	1006.0	1003.0	1003.0	1000.0	1000.0	996.0	996.0	995.0	999.0	1004.0	1007.0	1001.0	**995.0**
Daily Maximum Pressure (hPa)	1028.0	1026.0	1023.0	1022.0	1018.0	1013.0	1014.0	1013.0	1021.0	1022.0	1022.0	1028.0	**1028.0**
Daily Maximum Wind speed (kt)	35	26	35	38	41	32	25	30	33	28	15	22	**41**
with wind direction (36 DIR.)	010	240	290	300	330	210	230	330	350	010	030	270	**330**
Daily Maximum Peak gust (kt)	35	26	35	38	41	32	25	30	33	28	13	17	**41**
with wind direction (36 DIR.)	010	210	290	300	330	210	230	330	350	010	VRB	010	**330**
Daily Maximum cross wind speed (kt)	16	7	35	38	21	15	22	22	15	21	10	8	**38**

AERODROME CLIMATOLOGICA

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

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	030	280	270	360	170	170	170	160	170	050	030	030	**170**
01	030	020	030	030	020	170	160	170	200	030	040	030	**030**
02	050	040	050	050	170	160	160	170	030	020	030	020	**050**
03	030	070	090	080	170	160	160	160	170	030	030	040	**030**
04	060	090	090	110	170	160	150	160	040	040	030	040	**040**
05	090	090	100	130	170	170	160	160	160	040	030	050	**160**
06	100	110	100	120	160	160	160	160	160	030	030	030	**160**
07	110	110	120	120	160	170	150	160	160	040	030	040	**160**
08	150	120	120	100	160	170	160	170	120	050	030	030	**120**
09	150	150	120	120	150	170	170	160	160	050	030	030	**150**
10	170	160	070	160	160	170	160	170	160	010	020	020	**160**
11	160	170	020	160	160	170	170	160	160	030	030	030	**160**
12	350	350	340	200	210	180	170	170	170	010	330	010	**170**
13	300	290	290	240	180	200	170	160	270	010	260	280	**290**
14	240	230	260	240	230	170	160	210	240	020	260	250	**240**
15	260	250	230	230	200	200	160	180	250	250	250	270	**250**
16	280	250	240	240	250	200	240	180	260	230	260	010	**240**
17	250	280	240	200	200	170	160	170	200	020	280	060	**200**
18	310	030	300	230	230	170	160	170	170	020	280	010	**170**
19	030	340	190	020	250	170	160	160	230	030	020	040	**030**
20	330	020	290	020	180	170	220	170	160	030	310	070	**020**
21	020	290	020	030	260	170	170	160	020	010	030	020	**020**
22	310	020	310	030	030	180	170	170	160	010	070	020	**020**
23	020	270	030	020	360	170	170	170	160	020	320	020	**020**

AERODROME CLIMATOLOGICA

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

AVERAGE WIND SPEED (kt) AT SPECIFIED TIMES

TIME (UTC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	**ANN**
00	1.02	1.21	1.26	1.38	1.86	2.22	2.50	2.23	1.92	1.59	0.82	1.17	**1.60**
01	0.96	1.09	1.22	1.71	2.34	3.25	3.20	2.95	2.48	2.29	1.42	1.25	**2.01**
02	1.63	1.50	1.70	2.42	3.08	3.88	3.94	3.67	3.25	3.26	2.45	2.22	**2.75**
03	2.92	2.83	3.02	3.54	3.67	4.45	4.44	4.24	3.98	4.28	3.74	3.30	**3.70**
04	3.93	3.73	3.76	3.99	4.22	5.00	4.88	4.62	4.33	4.72	4.60	4.33	**4.34**
05	3.93	3.97	4.16	4.43	4.60	5.08	5.21	4.97	4.59	4.70	4.56	4.56	**4.56**
06	4.09	4.10	4.61	4.84	4.86	5.33	5.50	5.35	4.75	4.86	4.30	4.37	**4.75**
07	4.01	4.65	4.84	5.16	5.15	6.08	5.70	5.68	4.85	4.65	4.13	4.35	**4.94**
08	4.08	4.68	5.04	4.96	5.62	5.83	5.54	5.26	4.66	4.39	3.98	4.11	**4.85**
09	3.97	4.80	4.55	5.02	5.55	5.83	5.58	5.19	4.58	4.18	3.82	3.87	**4.75**
10	3.29	3.88	3.64	4.57	5.58	5.81	5.53	5.06	4.32	3.78	3.17	3.23	**4.32**
11	2.34	2.57	3.12	3.42	4.76	5.09	5.11	4.60	3.42	2.73	2.29	2.33	**3.48**
12	2.51	2.78	2.65	3.63	4.37	4.45	4.24	4.25	2.91	2.26	1.81	2.09	**3.16**
13	1.99	2.61	2.30	3.52	3.89	4.04	3.60	3.66	2.59	2.01	1.52	1.79	**2.79**
14	1.85	1.92	2.05	3.84	3.75	3.91	3.55	3.05	2.30	1.77	1.54	1.55	**2.59**
15	1.87	2.30	2.29	3.37	3.68	3.50	3.46	3.01	2.25	2.00	1.67	1.83	**2.60**
16	1.24	2.19	2.06	3.59	3.74	3.72	3.37	2.96	2.01	1.91	1.41	1.59	**2.48**
17	1.13	1.71	1.63	3.52	3.42	3.19	3.43	3.05	1.69	1.67	1.00	1.14	**2.21**
18	1.12	1.67	1.70	2.62	2.97	2.49	2.61	2.69	1.71	1.49	0.94	1.14	**1.93**
19	1.46	1.64	1.48	2.56	3.47	2.78	2.88	2.61	1.39	1.75	0.98	1.05	**2.00**
20	1.21	1.24	1.45	2.33	2.68	2.48	2.84	2.47	1.55	1.67	1.14	1.14	**1.85**
21	1.27	1.26	1.51	1.95	2.34	2.22	2.44	2.25	1.59	1.50	0.94	1.09	**1.70**
22	1.30	1.04	1.58	1.85	2.16	2.20	2.60	2.49	1.76	1.62	0.93	1.06	**1.72**
23	1.46	1.32	1.36	1.52	1.93	2.12	2.28	2.50	1.75	1.64	1.01	1.22	**1.68**
ALL	2.27	2.53	2.62	3.32	3.74	3.96	3.93	3.70	2.94	2.78	2.26	2.32	3.03

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 10 o SECTOR)

AND GUST SPEED WITHIN SPECIFIED RANGES

WIND	WIND GUST SPEED (KT)											
DIRECTION	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	>60	TOTAL
360	-	-	0.99	-	-	0.99	-	-	-	-	-	1.98
010	-	0.99	1.98	0.99	0.99	-	-	-	-	-	-	4.95
020	-	-	-	-	-	-	-	-	-	-	-	0.00
030	-	0.99	-	-	-	-	-	-	-	-	-	0.99
040	-	-	0.99	-	-	-	-	-	-	-	-	0.99
050	0.99	-	-	-	-	-	-	-	-	-	-	0.99
060	-	-	-	-	-	-	-	-	-	-	-	0.00
070	0.99	-	-	-	-	-	-	-	-	-	-	0.99
080	1.98	-	-	-	-	-	-	-	-	-	-	1.98
090	0.99	0.99	0.99	-	-	-	-	-	-	-	-	2.97
100	1.98	2.97	-	-	-	-	-	-	-	-	-	4.95
110	1.98	0.99	-	-	-	-	-	-	-	-	-	2.97
120	1.98	0.99	-	-	-	-	-	-	-	-	-	2.97
130	-	0.99	-	-	-	-	-	-	-	-	-	0.99
140	0.99	1.98	0.99	-	-	-	-	-	-	-	-	3.96
150	-	1.98	0.99	-	-	-	-	-	-	-	-	2.97
160	-	1.98	-	0.99	-	-	-	-	-	-	-	2.97
170	0.99	2.97	2.97	-	-	-	-	-	-	-	-	6.93
180	-	3.96	-	-	-	-	-	-	-	-	-	3.96
190	-	1.98	2.97	-	0.99	-	-	-	-	-	-	5.94
200	-	1.98	1.98	1.98	-	-	-	-	-	-	-	5.94
210	-	-	2.97	0.99	0.99	-	-	-	-	-	-	4.95
220	-	0.99	0.99	-	-	0.99	-	-	-	-	-	2.97
230	-	0.99	2.97	0.99	-	-	-	-	-	-	-	4.95
240	-	-	1.98	1.98	-	-	-	-	-	-	-	3.96
250	-	-	-	0.99	-	-	-	-	-	-	-	0.99
260	-	-	-	-	-	0.99	-	-	-	-	-	0.99
270	-	-	0.99	-	-	0.99	-	-	-	-	-	1.98
280	-	-	-	1.98	0.99	-	-	-	-	-	-	2.97
290	-	-	-	-	1.98	-	-	-	-	-	-	1.98
300	-	-	0.99	-	-	0.99	-	-	-	-	-	1.98
310	-	-	0.99	-	-	-	-	-	-	-	-	0.99
320	-	-	-	-	-	-	-	-	-	-	-	0.00
330	-	-	0.99	1.98	-	-	0.99	-	-	-	-	3.96
340	-	-	0.99	1.98	-	-	-	-	-	-	-	2.97
350	-	-	0.99	0.99	1.98	-	-	-	-	-	-	3.96
TOTAL	12.87	27.72	29.70	15.84	7.92	4.95	0.99	0.00	0.00	0.00	0.00	100.00

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

MAXIMUM SPEED (IN KNOTS) OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 10 ° SECTOR)

WIND	WIND MAXIMUM SPEED (KT)											
DIRECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
360	8	12	11	28	36	19	11	23	18	12	14	12
010	35	6	13	18	14	16	8	14	23	28	12	17
020	18	12	13	19	19	15	10	16	15	14	13	17
030	19	13	13	18	15	10	18	15	20	13	15	16
040	16	14	12	16	23	10	11	11	14	12	12	15
050	19	10	12	14	12	8	14	14	10	14	15	13
060	12	10	11	15	11	9	9	14	15	12	10	16
070	15	10	7	11	7	12	9	9	12	10	8	8
080	14	8	8	10	11	11	10	7	10	14	6	13
090	15	7	16	10	9	8	7	24	7	11	6	6
100	6	18	17	17	8	9	8	15	10	6	6	6
110	9	7	8	13	17	15	12	22	6	8	6	5
120	10	7	10	10	13	15	7	9	9	21	10	6
130	12	7	8	11	17	11	9	10	8	7	5	6
140	9	9	13	10	22	16	11	14	11	8	7	7
150	9	10	10	25	14	10	11	11	19	8	9	7
160	8	9	10	11	29	11	18	11	11	12	8	9
170	9	9	10	13	25	24	22	17	15	10	11	8
180	11	19	12	15	13	15	11	11	20	12	9	7
190	31	13	23	20	15	14	24	22	17	7	12	9
200	14	15	17	13	29	29	15	13	13	11	9	6
210	8	26	22	21	17	32	16	15	10	11	7	6
220	7	12	13	24	37	18	14	15	18	10	7	7
230	5	11	11	22	15	26	25	16	19	10	8	10
240	5	26	7	29	23	28	16	22	10	12	5	6
250	6	12	10	18	29	16	14	10	12	9	7	5
260	5	8	10	11	39	17	16	12	10	12	6	9
270	9	12	11	22	38	15	12	14	10	8	6	22
280	5	5	30	21	31	14	17	27	15	11	4	8
290	16	7	35	32	10	14	8	18	15	5	6	4
300	4	5	23	38	13	10	22	14	7	5	8	8
310	5	6	9	11	21	7	20	9	9	4	5	6
320	5	4	8	12	9	10	9	11	7	15	6	9
330	5	5	5	7	41	30	18	30	8	10	5	6
340	5	5	6	30	29	13	13	10	9	7	7	6
350	9	5	13	33	24	10	9	12	33	14	13	8
MAX.SPEED	**35**	**26**	**35**	**38**	**41**	**32**	**25**	**30**	**33**	**28**	**15**	**22**
DIR.	**010**	**210**	**290**	**300**	**330**	**210**	**230**	**330**	**350**	**010**	**030**	**270**

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

AIR PRESSURE (hPa) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1015.8	1014.7	1012.8	1011.6	1009.5	1007.2	1006.9	1007.2	1010.1	1013.8	1015.5	1016.9	**1011.8**
01	1016.8	1015.6	1013.8	1012.4	1010.1	1007.7	1007.5	1007.7	1010.9	1014.6	1016.3	1017.6	**1012.6**
02	1017.6	1016.4	1014.6	1013.0	1010.5	1008.1	1007.9	1008.1	1011.3	1015.1	1016.9	1018.4	**1013.2**
03	1018.0	1016.8	1014.7	1013.0	1010.6	1008.1	1007.9	1008.3	1011.5	1015.3	1017.0	1018.6	**1013.3**
04	1017.6	1016.4	1014.2	1012.5	1010.0	1007.7	1007.6	1008.1	1011.2	1014.7	1016.3	1018.1	**1012.9**
05	1016.4	1015.2	1013.2	1011.6	1009.3	1007.3	1007.2	1007.5	1010.3	1013.7	1015.3	1017.0	**1012.0**
06	1015.1	1013.8	1011.7	1010.3	1008.3	1006.3	1006.4	1006.5	1009.2	1012.5	1013.9	1015.6	**1010.8**
07	1013.7	1012.4	1010.3	1008.9	1007.0	1005.4	1005.5	1005.6	1008.2	1011.4	1012.8	1014.4	**1009.6**
08	1012.9	1011.1	1009.1	1007.6	1006.0	1004.5	1004.6	1004.8	1007.3	1010.6	1012.0	1013.6	**1008.7**
09	1012.4	1010.5	1008.3	1006.9	1005.2	1003.9	1004.0	1004.1	1006.7	1010.2	1011.8	1013.3	**1008.1**
10	1012.5	1010.4	1008.0	1006.4	1004.9	1003.6	1003.8	1003.9	1006.6	1010.3	1011.9	1013.5	**1008.0**
11	1012.8	1010.8	1008.3	1006.6	1005.2	1003.8	1004.0	1004.3	1006.9	1010.6	1012.3	1013.9	**1008.3**
12	1013.3	1011.2	1008.9	1007.3	1005.9	1004.4	1004.5	1004.9	1007.6	1011.3	1013.0	1014.5	**1008.9**
13	1014.0	1012.0	1009.7	1008.3	1006.8	1005.2	1005.3	1005.8	1008.5	1012.3	1013.9	1015.2	**1009.8**
14	1014.8	1012.8	1010.5	1009.2	1007.8	1006.2	1006.2	1006.7	1009.6	1013.3	1014.5	1015.8	**1010.6**
15	1015.2	1013.9	1011.0	1010.1	1008.7	1007.1	1007.1	1007.3	1010.4	1013.5	1015.0	1016.4	**1011.3**
16	1015.1	1014.5	1011.0	1011.3	1009.3	1007.6	1007.5	1007.5	1010.5	1013.6	1015.4	1016.5	**1011.6**
17	1015.1	1014.4	1011.1	1011.1	1009.2	1007.4	1007.3	1007.2	1010.3	1013.3	1015.3	1016.5	**1011.5**
18	1015.1	1014.0	1011.1	1009.8	1008.5	1006.9	1006.6	1007.0	1009.9	1013.1	1014.7	1016.3	**1011.1**
19	1014.6	1014.1	1010.8	1010.3	1008.4	1006.7	1006.6	1006.3	1009.7	1012.6	1014.7	1016.0	**1010.9**
20	1014.3	1013.7	1010.6	1010.1	1008.2	1006.5	1006.4	1006.0	1009.5	1012.4	1014.5	1015.8	**1010.7**
21	1014.4	1013.5	1010.7	1009.4	1008.1	1006.3	1006.1	1006.0	1009.3	1012.4	1014.1	1015.6	**1010.5**
22	1014.4	1014.0	1010.8	1010.4	1008.5	1006.9	1006.3	1006.0	1009.6	1012.6	1014.6	1015.9	**1010.8**
23	1015.0	1015.0	1011.6	1011.1	1009.0	1007.3	1006.8	1006.3	1010.1	1013.0	1015.1	1016.4	**1011.4**
MEAN	**1014.9**	**1013.6**	**1011.1**	**1010.0**	**1008.1**	**1006.3**	**1006.2**	**1006.4**	**1009.4**	**1012.8**	**1014.5**	**1015.9**	**1010.8**

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

AIR TEMPERATURE (°C) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	**ANN**
00	14.8	15.3	17.9	21.6	24.2	25.0	24.6	24.3	23.9	22.2	19.3	15.4	**20.7**
01	15.7	16.6	19.6	23.6	25.7	26.1	25.5	25.0	24.8	23.3	20.9	16.8	**22.0**
02	17.9	19.4	22.2	25.6	27.2	27.2	26.4	25.9	26.0	24.9	22.7	18.7	**23.7**
03	20.0	21.7	24.5	27.4	28.6	28.3	27.3	26.8	27.2	26.2	24.6	20.8	**25.3**
04	21.8	23.8	26.5	29.1	29.9	29.2	28.2	27.8	28.2	27.5	26.2	22.8	**26.8**
05	23.6	25.8	28.5	30.6	30.9	30.1	28.9	28.5	29.0	28.5	27.3	24.3	**28.0**
06	24.9	27.6	30.2	31.9	31.8	30.7	29.5	29.1	29.6	29.1	28.2	25.4	**29.0**
07	25.8	29.0	31.4	32.9	32.3	30.9	29.8	29.3	29.8	29.3	28.7	26.1	**29.6**
08	26.5	29.8	32.1	33.3	32.3	31.0	29.8	29.2	29.8	29.5	28.9	26.5	**29.9**
09	26.7	30.2	32.3	33.2	32.0	30.7	29.6	29.1	29.6	29.3	28.7	26.5	**29.8**
10	24.6	29.8	31.8	32.4	31.3	30.1	29.1	28.6	29.0	28.5	27.9	25.7	**29.1**
11	24.6	28.1	29.9	31.0	30.2	29.4	28.3	27.8	27.9	26.8	25.5	23.1	**27.7**
12	21.3	24.4	26.7	28.5	28.4	28.2	27.1	26.7	26.6	25.3	23.4	20.6	**25.6**
13	20.1	22.4	24.8	26.8	27.2	27.1	26.4	26.0	25.9	24.4	22.4	19.6	**24.4**
14	19.1	21.2	24.0	25.9	26.6	26.6	25.9	25.7	25.4	23.9	21.9	19.0	**23.8**
15	18.6	20.5	23.1	25.1	26.1	26.2	25.7	25.4	25.1	23.7	21.3	18.5	**23.3**
16	18.6	19.7	22.2	24.2	25.8	26.0	25.6	25.2	24.8	23.4	20.7	17.7	**22.8**
17	18.0	18.9	21.3	23.7	25.2	25.8	25.3	24.8	24.5	23.1	20.3	17.3	**22.4**
18	16.7	18.2	20.8	23.4	24.9	25.3	25.0	24.7	24.4	22.7	20.0	17.2	**21.9**
19	16.9	17.5	20.1	22.7	24.5	25.2	24.9	24.5	24.1	22.6	19.6	16.5	**21.6**
20	16.4	17.0	19.6	22.3	24.2	24.9	24.6	24.4	23.9	22.4	19.5	16.1	**21.3**
21	15.5	16.5	19.0	22.1	23.8	24.7	24.5	24.3	23.8	22.1	19.4	16.2	**21.0**
22	15.8	16.0	18.5	21.4	23.6	24.5	24.4	24.2	23.7	22.1	19.2	15.7	**20.8**
23	15.1	15.8	18.2	21.2	23.3	24.4	24.2	24.2	23.6	22.0	19.0	15.7	**20.6**
MEAN	20.0	21.9	24.4	26.7	27.5	27.4	26.7	26.3	26.3	25.1	23.2	20.1	24.6

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ): 03 PERIOD OF RECORD:2011 - 2020

LATITUDE: 19° 57' 9" N,LONGITUDE: 99° 52' 59" E ,ELEVATION ABOVE MSL: 390 m

	OCCURRENCE OF PHENOMENAS DURING 10 YEARS													
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ELEMENTS	DRIZZLE DAYS	0	0	1	0	0	4	6	6	2	2	0	2	**23**
	RAIN DAYS	35	5	17	51	100	143	197	206	139	92	48	31	**1064**
	SHOWER DAYS	0	0	0	0	1	0	2	1	0	0	0	0	**4**
	THUNDER DAYS	1	6	11	57	88	43	44	43	50	32	2	0	**377**
	THUNDERSTORM DAYS	4	5	13	53	76	52	44	64	54	25	7	5	**402**
	HAIL DAYS	0	0	0	0	0	0	0	0	0	0	0	0	**0**
	FOG DAYS	75	15	5	5	1	3	0	0	8	35	52	101	**300**
	MIST DAYS	164	156	236	190	43	5	1	10	40	113	121	192	**1271**
	HAZE DAYS	9	37	163	96	13	0	0	0	0	8	0	3	**329**
	SMOKE DAYS	0	0	12	8	0	0	0	0	0	0	0	0	**20**
	GALE DAYS (≥ 34 KT)	1	0	1	1	5	0	0	0	0	0	0	0	**8**
	HEAD WIND DAYS	141	90	121	124	101	58	67	81	134	215	215	214	**1561**
	TAIL WIND DAYS	57	75	87	118	221	225	207	207	140	68	63	58	**1526**
	R-CROSS WIND DAYS	155	202	237	222	166	95	139	154	148	103	52	67	**1740**
	L-CROSS WIND DAYS	80	103	105	83	77	66	67	70	66	67	51	49	**884**