

CHIANG RAI INTERNATIONAL AIRPORT CLIMATOLOGY MODEL A

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM		MODEL A
AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT		RWY(TDZ) : 03
January		PERIOD OF RECORD : 2015-2024
TOTAL NUMBER OF OBSERVATIONS : 310		
LATTITUDE: 19 57' 09" 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	-	0.32	3.87	6.13	8.71	3.87	5.81	10.65	21.94	39.35
0100	-	0.65	1.61	4.19	5.16	2.26	4.84	6.77	14.84	27.10
0200	0.32	0.32	2.58	3.87	4.19	0.32	0.65	2.26	6.77	14.52
0300	-	0.32	1.29	1.94	1.94	-	0.65	0.65	3.87	7.10
0400	-	-	0.32	1.94	1.94	-	0.32	0.97	3.87	4.52
0500	-	-	-	0.65	0.65	-	-	-	5.16	5.81
0600	-	-	0.32	0.65	0.65	-	0.32	0.32	5.16	5.48
0700	-	-	-	-	-	-	-	-	3.87	4.52
0800	-	-	-	-	-	-	-	-	3.55	4.52
0900	-	-	-	-	-	-	-	-	2.90	3.23
1000	-	-	0.32	0.32	0.32	-	0.32	0.32	4.19	4.19
1100	-	-	-	-	-	-	-	-	3.23	3.87
1200	-	-	-	-	-	-	-	-	2.58	2.90
1300	-	-	-	-	-	-	-	-	3.23	3.55
1400	-	-	-	-	-	-	-	-	2.26	2.58
1500	-	-	-	-	-	-	-	-	2.58	2.90
1600	-	-	-	0.32	0.32	-	-	0.32	1.29	1.29
1700	-	-	-	0.32	0.32	-	-	0.32	0.97	1.94
1800	-	-	-	-	0.32	-	0.32	0.32	4.52	5.16
1900	-	-	0.65	0.97	1.29	0.65	1.94	2.90	5.16	7.74
2000	0.32	0.32	0.65	0.97	1.29	0.32	0.97	2.58	4.52	8.39
2100	-	0.32	1.61	2.90	4.52	0.65	2.58	3.87	9.68	17.10
2200	-	-	0.65	1.94	2.90	0.97	1.94	3.87	9.68	20.00
2300	-	-	2.26	2.90	4.19	0.97	2.26	3.87	10.65	24.52
MEAN	0.03	0.09	0.67	1.25	1.61	0.42	0.96	1.67	5.69	9.26

CHIANG RAI INTERNATIONAL AIRPORT CLIMATOLOGY MODEL B

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL B

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

RWY(TDZ) : 03

January

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 310

LATTITUDE: 19 57' 09" 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	-	2.58	5.16	5.81	10.65	16.45	33.87	55.81
0100	-	1.29	3.87	4.84	6.77	9.68	21.94	50.65
0200	-	-	0.32	0.32	1.61	2.58	10.32	30.97
0300	-	-	-	-	-	-	3.23	13.55
0400	-	-	-	-	-	-	0.65	5.16
0500	-	-	-	-	-	-	0.65	3.87
0600	-	-	-	-	-	-	0.32	2.26
0700	-	-	-	-	-	-	0.65	1.94
0800	-	-	-	-	-	-	0.97	1.61
0900	-	-	-	-	-	-	0.32	1.61
1000	-	-	-	-	-	0.32	0.32	0.97
1100	-	-	-	-	-	-	0.65	1.29
1200	-	-	-	-	-	-	0.32	1.94
1300	-	-	-	-	-	-	0.32	1.29
1400	-	-	-	-	-	-	0.32	2.58
1500	-	-	-	-	-	-	0.32	2.90
1600	-	-	-	-	-	-	-	4.84
1700	-	-	-	-	-	-	0.97	10.00
1800	-	-	0.32	0.32	0.32	0.97	1.61	12.58
1900	-	-	1.29	1.94	2.90	3.87	6.45	20.97
2000	-	-	0.97	0.97	2.58	2.90	6.77	23.23
2100	-	0.32	1.29	2.26	3.55	4.52	11.94	37.10
2200	-	0.32	1.61	1.94	3.87	7.74	18.06	39.03
2300	-	0.65	1.61	1.94	3.55	8.39	22.26	42.26
MEAN	0.00	0.22	0.69	0.85	1.49	2.39	5.97	15.35

CHIANG RAI INTERNATIONAL AIRPORT CLIMATOLOGY MODEL C

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM		MODEL C
AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT		RWY(TDZ) : 03
January		PERIOD OF RECORD : 2015-2024
TOTAL NUMBER OF OBSERVATIONS : 310		
LATTITUDE: 19 57' 09" 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	-	-	-	0.65	1.61	16.77	4.52
0100	-	0.97	0.97	2.26	2.58	15.48	3.55
0200	0.32	2.26	2.90	3.87	4.84	17.42	2.26
0300	-	1.29	1.29	1.94	3.23	17.10	2.26
0400	-	0.32	0.97	1.94	2.26	13.55	3.55
0500	-	-	-	0.65	2.26	13.55	2.26
0600	-	0.32	0.32	0.65	1.94	14.19	3.23
0700	-	-	-	-	0.32	12.90	2.90
0800	-	-	-	-	0.32	10.65	3.23
0900	-	-	-	-	0.32	9.68	2.58
1000	-	0.32	0.32	0.32	0.97	10.32	2.26
1100	-	-	-	0.32	1.29	10.00	2.58
1200	-	-	-	-	0.65	10.00	2.26
1300	-	-	-	-	0.32	7.74	2.90
1400	-	-	-	-	0.65	7.74	2.26
1500	-	-	-	-	0.32	9.03	1.61
1600	-	-	0.32	0.32	0.32	4.52	0.32
1700	-	-	0.32	0.32	0.32	3.55	1.94
1800	-	-	-	-	1.29	6.45	0.65
1900	-	-	-	-	-	4.19	1.61
2000	0.32	0.32	0.32	0.32	0.32	5.48	0.97
2100	-	0.32	0.32	0.32	0.97	11.61	0.97
2200	-	-	-	-	0.65	8.39	0.32
2300	-	-	0.32	0.32	1.29	9.03	0.97
MEAN	0.03	0.26	0.35	0.59	1.21	10.39	2.17

CHIANG RAI INTERNATIONAL AIRPORT CLIMATOLOGY MODEL D

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL D

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

RWY(TDZ) : 03

January

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 6883

LATTITUDE: 19 57' 09" 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 DIRECTION	WIND SPEED (kt)												TOTAL
	0	1 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	>50	
CALM	30.99	-	-	-	-	-	-	-	-	-	-	-	30.99
VARIABLE	-	18.16	0.06	-	-	-	-	-	-	-	-	-	18.22
[35-36-01]	-	3.66	0.89	0.04	-	0.01	-	0.01	-	-	-	-	4.61
[02-03-04]	-	4.29	2.30	0.86	0.06	-	-	-	-	-	-	-	7.51
[05-06-07]	-	4.61	1.50	0.09	0.01	-	-	-	-	-	-	-	6.21
[08-09-10]	-	4.69	0.39	0.03	-	-	-	-	-	-	-	-	5.11
[11-12-13]	-	3.41	0.22	-	-	-	-	-	-	-	-	-	3.63
[14-15-16]	-	3.70	0.76	-	0.01	-	-	-	-	-	-	-	4.47
[17-18-19]	-	2.38	0.93	0.01	-	-	-	-	-	-	-	-	3.32
[20-21-22]	-	1.32	0.41	0.06	-	-	-	-	-	-	-	-	1.79
[23-24-25]	-	2.77	0.16	0.01	-	-	-	-	-	-	-	-	2.94
[26-27-28]	-	4.00	0.04	-	-	-	-	-	-	-	-	-	4.04
[29-30-31]	-	4.02	0.01	-	-	-	-	-	-	-	-	-	4.03
[32-33-34]	-	3.11	-	-	-	-	-	-	-	-	-	-	3.11
MEAN	30.99	4.63	0.59	0.08	0.01	0.00	-	0.00	-	-	-	-	

CHIANG RAI INTERNATIONAL AIRPORT CLIMATOLOGY MODEL E

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL E

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

RWY(TDZ) : 03

January

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 310

LATTITUDE: 19 57' 09" N, LONGITUDE: 99 52' 59" E, ELEVATION ABOVE MSL: 390 M

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

TIME(UTC)	TEMPERATURE (oC)								
	<10	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 45	>45
0000	2.26	39.35	50.97	6.77	-	-	-	-	-
0100	0.65	25.16	63.87	9.03	-	-	-	-	-
0200	0.65	4.52	65.81	27.74	-	-	-	-	-
0300	0.65	1.94	25.16	69.68	0.97	-	-	-	-
0400	0.65	0.97	7.42	81.29	8.71	-	-	-	-
0500	0.65	0.97	2.90	51.29	43.55	-	-	-	-
0600	0.65	0.65	2.58	20.97	72.90	0.32	-	-	-
0700	0.32	0.97	2.58	14.52	76.45	3.87	-	-	-
0800	0.32	1.29	2.26	10.65	72.90	12.26	-	-	-
0900	0.65	0.65	2.90	8.39	73.23	14.19	-	-	-
1000	0.65	0.97	2.90	12.58	71.29	10.65	-	-	-
1100	0.65	1.29	3.87	29.35	63.23	0.32	-	-	-
1200	0.65	1.29	11.94	79.35	6.77	-	-	-	-
1300	0.32	1.94	24.52	70.97	1.94	-	-	-	-
1400	0.65	1.94	41.61	52.26	1.29	-	-	-	-
1500	0.32	4.19	53.23	38.39	0.65	-	-	-	-
1600	-	2.26	45.81	23.87	0.32	-	-	-	-
1700	-	4.84	50.97	16.13	-	-	-	-	-
1800	0.32	13.23	66.77	13.55	-	-	-	-	-
1900	-	11.29	53.23	8.71	-	-	-	-	-
2000	-	14.19	49.03	7.10	-	-	-	-	-
2100	0.65	32.58	53.55	8.06	-	-	-	-	-
2200	-	27.42	45.48	7.42	-	-	-	-	-
2300	1.29	30.97	43.87	5.48	-	-	-	-	-
MEAN	0.54	9.37	32.22	28.06	20.59	1.73	0.00	0.00	0.00

CHIANG RAI INTERNATIONAL AIRPORT AERODROME CLIMATOLOGY TABLE

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

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

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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 (oC)	14.3	14.5	18.1	20.9	23.2	24.2	24.0	23.8	23.4	21.9	18.9	15.4	20.2
Daily Mean Temperture (oC)	20.4	21.6	25.4	27.1	27.9	27.6	27.0	26.4	26.6	25.6	23.7	20.9	25.0
Daily Maximum Temperture (oC)	27.2	29.3	33.1	34.0	33.6	32.2	31.1	30.3	31.0	30.4	29.5	27.3	30.8
Daily Minimum Pressure (hPa)	1012.4	987.9	1007.9	1006.3	1005.0	1004.1	1003.8	1004.0	1006.4	1009.9	1012.0	1013.4	1006.1
Daily Mean Pressure (hPa)	1015.1	990.8	1011.1	1009.8	1008.2	1006.8	1006.4	1006.7	1009.2	1012.6	1014.6	1016.0	1008.9
Daily Maximum Pressure (hPa)	1018.3	994.2	1014.7	1013.4	1011.0	1009.1	1008.6	1009.0	1011.7	1015.2	1017.3	1018.9	1011.8

EXTREMES

Daily Minimum Temperture (oC)	8.0	8.0	12.0	16.0	20.0	22.0	22.0	22.0	20.0	15.0	13.0	6.0	6.0
Daily Maximum Temperture (oC)	32.0	36.0	38.0	40.0	40.0	38.0	37.0	35.0	35.0	34.0	33.0	32.0	40.0
Daily Minimum Pressure (hPa)	1006.0	1004.0	1001.0	1000.0	998.0	1000.0	999.0	995.0	1000.0	1001.0	1006.0	1008.0	995.0
Daily Maximum Pressure (hPa)	1028.0	1026.0	1023.0	1022.0	1018.0	1013.0	1014.0	1015.0	1021.0	1022.0	1024.0	1028.0	1028.0
Daily Maximum Wind speed (kt)	35	17	35	39	41	35	25	30	33	21	21	17	41
With wind direction (36 DIR.)	010	090	290	360	330	250	230	330	350	120	030	010	330
Daily Maximum Peak gust (kt)	35	18	35	39	41	35	25	30	33	16	21	17	41
With wind direction (36 DIR.)	010	100	290	360	330	250	230	330	350	120	030	010	330
Daily Maximum cross wind speed (kt)	16.0	16.9	34.5	38.0	35.5	26.0	22.0	26.0	21.2	21.0	10.0	12.3	38.0

CHIANG RAI INTERNATIONAL AIRPORT WIND DIRECTION

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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
0000	030	020	280	030	260	170	170	160	020	010	030	020	030
0100	030	020	030	030	020	170	180	170	020	030	040	020	030
0200	030	040	030	050	180	170	160	170	030	020	040	030	030
0300	080	070	090	080	170	160	160	160	170	030	030	040	030
0400	060	090	100	090	170	160	160	160	030	030	030	030	160
0500	090	090	100	090	170	170	160	160	160	040	030	030	160
0600	080	090	090	110	160	160	160	160	160	040	030	030	160
0700	080	100	090	110	160	170	170	160	160	040	030	040	160
0800	130	110	100	100	160	160	160	150	160	010	030	030	160
0900	150	070	090	110	130	170	160	160	150	020	020	030	160
1000	170	060	070	160	160	170	160	170	160	020	050	020	170
1100	010	170	020	160	160	170	160	160	170	140	030	030	170
1200	350	350	360	210	180	170	170	170	180	010	330	340	170
1300	290	290	290	240	180	200	170	160	270	010	260	280	280
1400	240	250	240	240	250	220	170	160	260	240	250	250	250
1500	260	250	230	230	220	220	160	180	240	260	250	270	250
1600	260	280	240	240	250	200	160	230	220	240	260	010	240
1700	250	280	250	010	250	170	230	170	200	280	230	280	170
1800	290	030	260	230	230	170	160	170	230	020	270	010	170
1900	030	280	270	020	250	180	160	160	020	040	320	030	160
2000	330	020	030	020	220	170	170	160	160	030	030	030	160
2100	020	290	020	030	250	170	160	160	060	010	040	020	020
2200	310	020	310	020	020	160	170	170	040	010	030	020	020
2300	260	030	020	020	250	170	170	170	050	020	320	020	020

CHIANG RAI INTERNATIONAL AIRPORT WIND SPEED

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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
0000	1.24	1.43	1.28	1.72	2.08	2.51	2.39	2.51	2.27	1.94	1.12	1.26	1.81
0100	1.20	1.30	1.27	2.14	2.64	3.37	3.19	3.27	2.98	2.73	1.78	1.28	2.26
0200	1.91	1.78	1.72	2.85	3.45	4.03	3.89	3.83	3.54	3.73	2.92	2.39	3.00
0300	3.17	3.14	3.11	3.74	3.89	4.51	4.51	4.32	4.26	4.59	4.21	3.54	3.92
0400	3.97	3.87	3.83	4.15	4.31	4.99	4.92	4.69	4.44	4.87	4.93	4.49	4.46
0500	4.16	4.08	4.28	4.64	4.77	5.21	5.20	5.10	4.78	4.89	4.80	4.73	4.72
0600	4.15	4.11	4.69	4.96	5.03	5.60	5.65	5.39	4.83	4.98	4.66	4.49	4.88
0700	4.23	4.68	5.01	5.19	5.28	6.04	5.76	5.58	5.01	4.86	4.47	4.52	5.05
0800	4.32	4.63	5.15	5.21	5.67	6.20	5.60	5.38	4.98	4.64	4.37	4.38	5.04
0900	4.01	4.70	4.69	5.20	5.65	6.01	5.61	5.20	4.80	4.44	4.22	4.06	4.88
1000	3.25	4.26	3.94	4.52	5.53	5.77	5.41	5.08	4.48	4.18	3.61	3.50	4.46
1100	2.42	3.00	3.24	3.57	4.98	5.04	5.21	4.61	3.76	2.99	2.58	2.45	3.65
1200	2.45	2.95	2.72	3.46	4.44	4.54	4.27	4.13	3.17	2.65	2.03	2.21	3.25
1300	2.22	2.61	2.40	3.49	4.01	4.00	3.66	3.62	2.72	2.22	1.82	1.96	2.89
1400	2.02	2.40	2.21	3.61	3.97	4.05	3.66	3.29	2.51	2.13	1.86	1.71	2.79
1500	2.05	2.46	2.26	3.55	3.73	3.54	3.43	3.17	2.51	2.19	1.95	1.71	2.71
1600	1.67	2.36	2.15	3.47	3.76	3.49	3.37	2.93	2.30	2.01	1.53	1.40	2.54
1700	1.44	1.89	1.81	3.23	3.56	3.10	3.26	2.92	2.06	1.71	1.19	1.14	2.28
1800	1.42	1.81	1.89	2.96	3.26	2.64	2.87	2.77	1.97	1.60	1.18	1.24	2.13
1900	1.51	1.86	1.71	2.66	3.35	2.57	2.72	2.54	1.86	1.69	1.17	1.09	2.06
2000	1.29	1.55	1.57	2.47	2.93	2.53	2.71	2.48	1.91	1.70	1.22	1.04	1.95
2100	1.31	1.65	1.64	2.23	2.54	2.26	2.58	2.34	1.84	1.74	1.23	1.21	1.88
2200	1.28	1.37	1.52	2.08	2.17	2.28	2.58	2.37	2.00	1.73	1.06	1.11	1.80
2300	1.41	1.42	1.37	1.77	2.03	2.24	2.32	2.45	2.11	1.85	1.20	1.13	1.78
ALL	2.42	2.72	2.73	3.45	3.88	4.02	3.95	3.75	3.21	3.00	2.55	2.42	3.18

CHIANG RAI INTERNATIONAL AIRPORT WIND SEVERITY

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ): PERIOD OF RECORD:2015-2024
03

LATTITUDE: 19 57' 09" N, LONGITUDE: 99 52' 59" E, ELEVATION ABOVE MSL: 390 M

AVERAGE SEVERE WIND SPEED (kt) DURING 10 YEARS

		MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ELEMENTS	HEAD WIND		4.4	3.9	4.0	5.8	4.8	2.2	2.9	3.0	4.8	5.9	5.8	4.9	4.4
	TAIL WIND		2.9	3.5	4.0	5.2	7.3	8.2	7.3	6.6	5.0	3.0	2.5	2.5	4.8
	R-CROSS WIND		4.3	4.5	5.2	5.6	5.7	5.7	5.6	5.5	5.0	4.1	3.1	3.4	4.8
	L-CROSS WIND		2.8	2.9	3.4	4.7	5.3	4.3	3.9	4.0	3.5	3.4	2.9	2.6	3.6
	HW/TW		5.4	5.3	5.5	7.7	8.9	8.5	7.7	7.3	7.1	6.6	6.3	5.6	6.8
	R/L-CROSS WIND		4.5	4.7	5.6	6.8	7.3	6.7	6.3	6.3	5.5	4.8	3.7	3.8	5.5
	HW/TW/R/L-CROSS WIND		5.9	6.1	6.6	8.9	9.8	9.2	8.4	8.1	7.5	7.1	6.4	5.9	7.5

CHIANG RAI INTERNATIONAL AIRPORT GUST WIND

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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 DIR.	WIND GUST SPEED (KT)											TOTAL
	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	>60	
360	-	-	2.25	1.12	-	1.12	-	-	-	-	-	4.49
010	-	-	1.12	1.12	2.25	-	-	-	-	-	-	4.49
020	-	-	1.12	-	-	-	-	-	-	-	-	1.12
030	-	2.25	1.12	-	-	-	-	-	-	-	-	3.37
040	-	-	-	-	-	-	-	-	-	-	-	0.00
050	-	-	1.12	-	-	-	-	-	-	-	-	1.12
060	-	-	-	-	-	-	-	-	-	-	-	0.00
070	2.25	-	-	-	-	-	-	-	-	-	-	2.25
080	1.12	1.12	-	-	-	-	-	-	-	-	-	2.24
090	1.12	1.12	-	-	-	-	-	-	-	-	-	2.24
100	1.12	2.25	-	-	-	-	-	-	-	-	-	3.37
110	1.12	-	-	-	-	-	-	-	-	-	-	1.12
120	1.12	-	-	-	-	-	-	-	-	-	-	1.12
130	-	1.12	-	-	-	-	-	-	-	-	-	1.12
140	-	2.25	1.12	-	-	-	-	-	-	-	-	3.37
150	-	4.49	1.12	1.12	-	-	-	-	-	-	-	6.73
160	-	3.37	-	2.25	-	-	-	-	-	-	-	5.62
170	2.25	2.25	1.12	-	-	-	-	-	-	-	-	5.62
180	-	2.25	-	-	-	-	-	-	-	-	-	2.25
190	-	1.12	2.25	-	-	-	-	-	-	-	-	3.37
200	-	1.12	2.25	1.12	-	-	-	-	-	-	-	4.49
210	-	1.12	1.12	-	-	-	-	-	-	-	-	2.24
220	-	-	-	-	-	1.12	-	-	-	-	-	1.12
230	-	-	3.37	-	-	-	-	-	-	-	-	3.37
240	-	-	1.12	1.12	-	-	-	-	-	-	-	2.24
250	-	1.12	1.12	1.12	1.12	-	-	-	-	-	-	4.48
260	-	1.12	-	-	1.12	1.12	-	-	-	-	-	3.36
270	-	1.12	3.37	-	-	-	-	-	-	-	-	4.49
280	-	-	-	2.25	1.12	-	-	-	-	-	-	3.37
290	-	-	-	-	2.25	-	-	-	-	-	-	2.25
300	-	-	2.25	-	-	1.12	-	-	-	-	-	3.37
310	-	-	-	-	-	-	-	-	-	-	-	0.00
320	-	-	-	-	-	-	-	-	-	-	-	0.00
330	-	-	1.12	2.25	-	-	1.12	-	-	-	-	4.49
340	-	-	1.12	-	-	-	-	-	-	-	-	1.12
350	-	1.12	1.12	1.12	1.12	-	-	-	-	-	-	4.48
TOTAL	10.10	30.31	30.30	14.59	8.98	4.48	1.12	0.00	0.00	0.00	0.00	100.00

CHIANG RAI INTERNATIONAL AIRPORT MAXIMUM WIND

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" N, LONGITUDE: 99 52' 59" E, ELEVATION ABOVE MSL: 390 M

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

WIND DIR.	WIND MAXIMUM SPEED (KT)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
360	10	13	9	39	36	11	12	23	14	12	14	12
010	35	12	9	18	31	13	9	14	13	13	13	17
020	18	15	10	25	19	9	9	16	15	14	13	13
030	19	14	13	18	19	10	18	20	17	13	21	16
040	16	14	12	17	22	9	11	11	15	14	13	15
050	19	11	12	14	17	8	11	9	22	14	10	15
060	12	10	11	14	11	9	10	14	15	12	10	16
070	15	10	7	11	11	12	10	9	11	10	10	15
080	14	8	16	10	11	11	9	8	10	14	7	7
090	15	17	8	8	19	8	7	9	11	11	7	6
100	6	18	17	8	8	9	9	8	7	6	6	6
110	9	7	10	13	17	8	12	22	6	12	6	5
120	8	7	10	8	13	8	7	9	9	21	10	5
130	7	8	9	14	17	11	10	12	8	8	6	6
140	17	8	8	10	22	12	10	10	10	7	6	8
150	9	10	12	30	17	10	17	11	19	9	9	7
160	10	14	10	13	29	11	18	17	11	13	8	16
170	9	11	11	13	25	24	13	14	16	10	11	9
180	11	15	12	15	13	15	13	10	20	12	9	8
190	10	13	21	11	15	14	24	18	17	7	12	9
200	14	15	17	18	29	29	15	13	21	13	9	8
210	8	17	22	18	15	21	16	20	11	11	7	8
220	12	12	13	16	37	18	15	14	19	10	7	7
230	11	16	22	22	12	24	25	16	11	9	11	4
240	8	7	11	15	17	28	16	22	10	12	5	6
250	8	7	21	15	29	35	17	11	12	9	7	5
260	6	8	10	32	37	17	12	16	10	12	5	9
270	9	6	11	22	20	21	14	13	10	15	6	7
280	5	5	30	21	31	12	17	27	12	11	4	4
290	4	7	35	32	12	14	10	18	15	7	6	3
300	9	7	6	38	13	22	22	14	9	6	5	4
310	5	6	9	11	9	7	11	9	9	4	5	6
320	5	5	9	12	14	10	9	15	7	15	7	9
330	5	5	5	17	41	30	18	30	10	10	8	6
340	5	5	6	23	29	13	8	10	9	7	7	6
350	9	10	8	33	30	10	8	12	33	14	13	8
MAX.SPEED	35	18	35	39	41	35	25	30	33	21	21	17
DIR.	010	100	290	360	330	250	230	330	350	120	030	010

CHIANG RAI INTERNATIONAL AIRPORT AIR PRESSURE

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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
0000	1016.1	1015.4	1012.7	1011.5	1009.7	1008.0	1007.3	1007.4	1010.1	1013.6	1015.7	1017.0	1012.0
0100	1017.0	1016.2	1013.8	1012.4	1010.5	1008.5	1007.8	1008.0	1010.9	1014.3	1016.5	1017.9	1012.8
0200	1017.8	1017.0	1014.5	1013.0	1010.8	1008.8	1008.2	1008.4	1011.4	1014.9	1017.2	1018.7	1013.4
0300	1018.2	1017.4	1014.7	1013.0	1010.8	1008.9	1008.2	1008.5	1011.5	1015.1	1017.3	1018.9	1013.5
0400	1017.7	1017.1	1014.2	1012.5	1010.3	1008.5	1007.9	1008.3	1011.1	1014.5	1016.6	1018.3	1013.1
0500	1016.6	1015.9	1013.1	1011.6	1009.5	1007.9	1007.4	1007.7	1010.3	1013.4	1015.5	1017.2	1012.2
0600	1015.2	1014.5	1011.7	1010.3	1008.4	1007.0	1006.6	1006.8	1009.2	1012.3	1014.2	1015.8	1011.0
0700	1013.8	1013.1	1010.3	1008.9	1007.2	1006.1	1005.8	1005.9	1008.1	1011.2	1013.0	1014.6	1009.8
0800	1013.0	1011.9	1009.0	1007.6	1006.2	1005.2	1004.9	1005.0	1007.2	1010.3	1012.3	1013.8	1008.9
0900	1012.6	1011.3	1008.2	1006.8	1005.4	1004.5	1004.2	1004.4	1006.7	1010.0	1012.1	1013.5	1008.3
1000	1012.6	1011.2	1008.0	1006.5	1005.1	1004.2	1004.0	1004.2	1006.6	1010.1	1012.2	1013.6	1008.2
1100	1012.9	1011.5	1008.1	1006.6	1005.4	1004.4	1004.2	1004.5	1006.9	1010.5	1012.6	1014.0	1008.5
1200	1013.5	1011.9	1008.7	1007.3	1006.1	1005.1	1004.8	1005.2	1007.6	1011.2	1013.3	1014.7	1009.1
1300	1014.2	1012.7	1009.4	1008.2	1007.0	1005.9	1005.6	1006.0	1008.5	1012.2	1014.1	1015.4	1009.9
1400	1014.9	1013.5	1010.4	1009.1	1007.9	1006.7	1006.4	1006.9	1009.4	1013.1	1014.8	1016.0	1010.8
1500	1015.2	1014.0	1011.1	1010.0	1008.8	1007.4	1007.2	1007.7	1010.1	1013.4	1015.1	1016.4	1011.4
1600	1015.1	1014.1	1011.2	1010.7	1009.3	1007.7	1007.5	1007.9	1010.2	1013.6	1015.3	1016.5	1011.6
1700	1015.1	1014.1	1011.3	1010.5	1009.1	1007.5	1007.3	1007.8	1010.0	1013.4	1015.2	1016.4	1011.5
1800	1015.3	1014.2	1011.1	1009.9	1008.6	1007.2	1006.9	1007.4	1009.8	1013.0	1014.9	1016.4	1011.2
1900	1014.7	1013.7	1010.8	1009.8	1008.3	1006.7	1006.5	1006.9	1009.3	1012.7	1014.7	1016.0	1010.8
2000	1014.4	1013.5	1010.6	1009.6	1008.1	1006.5	1006.3	1006.6	1009.1	1012.5	1014.4	1015.7	1010.6
2100	1014.6	1013.8	1010.7	1009.4	1008.1	1006.6	1006.2	1006.4	1009.0	1012.4	1014.3	1015.7	1010.6
2200	1014.5	1013.7	1010.9	1010.0	1008.4	1006.8	1006.3	1006.6	1009.1	1012.6	1014.5	1015.9	1010.8
2300	1015.1	1014.5	1011.6	1010.7	1008.9	1007.2	1006.7	1006.9	1009.6	1013.0	1015.0	1016.4	1011.3
MEAN	1015.0	1014.0	1011.1	1009.8	1008.2	1006.8	1006.4	1006.7	1009.2	1012.6	1014.6	1016.0	1010.9

CHIANG RAI INTERNATIONAL AIRPORT AIR TEMPERATURE

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 57' 09" 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
0000	15.1	15.3	18.5	21.8	24.4	25.2	24.9	24.4	24.0	22.7	19.6	16.1	21.0
0100	16.0	16.7	20.4	23.8	25.9	26.3	25.8	25.2	25.1	23.9	21.1	17.5	22.3
0200	18.3	19.4	22.9	25.8	27.4	27.3	26.8	26.1	26.2	25.3	23.0	19.5	24.0
0300	20.3	21.7	25.1	27.6	28.9	28.4	27.7	27.0	27.5	26.6	24.9	21.6	25.6
0400	22.2	23.7	27.2	29.4	30.2	29.4	28.7	27.9	28.4	27.9	26.5	23.5	27.1
0500	23.9	25.7	29.0	30.9	31.4	30.3	29.4	28.7	29.3	28.7	27.7	24.9	28.3
0600	25.2	27.4	30.7	32.1	32.1	30.8	29.8	29.2	29.8	29.3	28.5	26.0	29.2
0700	26.1	28.7	32.1	33.1	32.7	31.1	30.2	29.5	30.0	29.6	29.0	26.7	29.9
0800	26.8	29.6	32.8	33.6	32.8	31.1	30.2	29.4	30.1	29.8	29.2	27.1	30.2
0900	27.0	29.9	33.0	33.5	32.5	30.7	30.0	29.2	29.9	29.5	28.9	27.1	30.1
1000	26.6	29.6	32.4	32.8	31.8	30.3	29.6	28.7	29.3	28.7	28.1	26.3	29.5
1100	24.6	27.8	30.6	31.4	30.8	29.6	28.7	28.0	28.2	27.1	25.8	23.7	28.0
1200	21.5	24.1	27.5	29.0	29.1	28.4	27.6	26.9	26.9	25.8	23.8	21.4	26.0
1300	20.4	22.4	25.7	27.1	27.7	27.4	26.8	26.2	26.2	24.9	22.8	20.5	24.8
1400	19.5	21.2	24.6	26.3	26.9	26.8	26.3	25.8	25.7	24.4	22.3	19.7	24.1
1500	18.8	20.4	23.7	25.3	26.4	26.3	25.9	25.4	25.3	24.0	21.7	19.1	23.5
1600	18.5	19.8	22.9	24.6	26.0	26.1	25.7	25.2	25.0	23.7	21.2	18.5	23.1
1700	17.9	19.0	22.1	24.1	25.4	25.8	25.5	24.9	24.8	23.5	20.8	18.0	22.7
1800	16.9	18.2	21.4	23.6	25.0	25.4	25.2	24.8	24.5	23.1	20.5	17.6	22.2
1900	16.8	17.7	20.9	23.1	24.6	25.3	25.0	24.5	24.3	22.9	20.2	17.3	21.9
2000	16.4	17.2	20.3	22.7	24.4	25.0	24.8	24.4	24.1	22.8	20.0	17.0	21.6
2100	15.6	16.5	19.7	22.3	24.0	24.8	24.6	24.3	24.0	22.6	19.8	16.7	21.2
2200	15.7	16.2	19.3	21.8	23.7	24.7	24.5	24.2	23.9	22.5	19.6	16.5	21.1
2300	15.3	15.9	18.9	21.5	23.5	24.5	24.4	24.2	23.8	22.3	19.4	16.4	20.8
MEAN	20.2	21.8	25.1	27.0	27.8	27.5	27.0	26.4	26.5	25.5	23.5	20.8	24.9

CHIANG RAI INTERNATIONAL AIRPORT PHENOMENAS

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE FAH LUANG - CHIANG RAI INTERNATION AIRPORT - VTCT RWY(TDZ): PERIOD OF RECORD:2015-2024
03

LATTITUDE: 19 57' 09" N, LONGITUDE: 99 52' 59" E, ELEVATION ABOVE MSL: 390 M

OCCURRENCE OF PHENOMENAS DURING 10 YEARS

ELEMENTS	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	DRIZZLE DAYS	-	-	-	-	2	2	5	7	1	3	1	2	23
RAIN DAYS	41	18	19	69	118	151	195	226	160	117	52	27	1193	
SHOWER DAYS	-	-	-	-	2	4	7	6	1	2	1	1	24	
THUNDER DAYS	-	2	5	37	54	37	33	21	28	26	5	-	248	
THUNDERSTORM DAYS	5	5	15	53	78	54	47	75	58	32	9	1	432	
HAIL DAYS	-	-	-	-	1	-	-	-	-	-	-	-	1	
FOG DAYS	95	23	5	4	1	3	-	2	7	27	50	122	339	
MIST DAYS	147	136	203	161	47	4	13	12	40	83	100	197	1143	
HAZE DAYS	1	27	121	66	15	-	-	-	-	-	-	-	230	
SMOKE DAYS	1	3	56	39	8	-	-	-	-	-	-	-	107	
GALE DAYS (>= 34 KT)	1	-	1	2	4	1	-	-	-	-	-	-	9	
HEAD WIND DAYS (>= 10 KT)	18	11	6	42	33	4	5	9	19	38	34	19	238	
TAIL WIND DAYS (>= 10 KT)	4	17	19	31	53	67	41	24	11	5	3	-	275	
R-CROSS WIND DAYS (>= 10 KT)	-	1	2	3	9	5	2	3	-	4	1	-	30	
L-CROSS WIND DAYS (>= 10 KT)	1	-	2	25	26	16	12	18	4	3	-	-	107	