



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL A

AERODROME : MAE HONG SON AIRPORT - VTCH

RWY(TDZ) : 11

Annual

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 3653

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	-	-	0.05	0.71	1.31	4.22	6.49	14.34	38.74	53.27
0100	-	-	0.19	0.66	1.45	3.31	4.90	10.81	29.65	46.81
0200	-	-	-	0.11	0.47	0.05	0.47	4.71	20.15	31.81
0300	-	-	-	0.05	0.38	-	0.19	1.67	15.22	21.11
0400	-	0.03	0.03	0.05	0.22	0.03	0.14	1.26	15.99	20.91
0500	-	-	-	-	-	-	0.03	0.74	13.88	19.00
0600	-	-	-	-	-	-	-	0.33	11.50	16.18
0700	-	-	-	-	-	-	-	0.22	10.32	14.23
0800	-	-	-	-	0.03	-	-	0.16	8.90	12.48
0900	-	-	-	-	-	-	-	0.14	8.10	11.25
1000	-	-	-	-	-	-	0.03	0.16	8.27	11.11
1100	-	-	-	-	-	-	-	0.08	7.88	10.59
1200	-	-	-	-	-	-	-	0.08	7.50	9.20
1300	-	-	-	-	-	-	-	-	0.08	0.08
1400	-	-	-	-	-	-	-	-	0.03	0.05
1500	-	-	-	-	-	-	-	-	0.03	0.05
1600	-	-	-	-	-	-	-	-	0.03	0.03
1700	-	-	-	-	-	-	-	-	0.03	0.03
1800	-	-	-	-	-	-	-	-	0.03	0.03
1900	-	-	-	-	-	-	-	-	0.03	0.03
2000	-	-	-	-	-	-	-	-	0.03	0.05
2100	-	-	-	-	-	-	-	-	0.05	0.11
2200	-	-	-	0.05	0.27	0.41	0.74	3.86	10.65	16.32
2300	-	-	0.03	0.25	0.49	0.52	0.96	4.08	11.52	16.59
MEAN	0.00	0.00	0.01	0.08	0.19	0.36	0.58	1.78	9.11	12.97



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MODEL B

AERODROME : MAE HONG SON AIRPORT - VTCH

RWY(TDZ) : 11

Annual

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 3653

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	0.82	3.28	5.58	6.49	14.34	35.53	50.07	67.97
0100	0.66	2.44	4.43	4.90	10.81	26.23	43.39	63.45
0200	-	-	0.25	0.47	4.71	15.80	27.46	46.67
0300	-	-	0.08	0.19	1.67	8.02	13.91	27.02
0400	-	-	0.03	0.11	1.23	6.08	11.00	20.42
0500	-	-	-	0.03	0.74	3.81	8.92	17.82
0600	-	-	-	-	0.33	2.55	7.23	16.37
0700	-	-	-	-	0.22	1.75	5.67	14.18
0800	-	-	-	-	0.16	1.23	4.82	13.22
0900	-	-	-	-	0.14	1.31	4.46	12.67
1000	-	-	0.03	0.03	0.16	1.31	4.16	11.91
1100	-	-	-	-	0.08	1.04	3.75	10.98
1200	-	-	-	-	0.08	0.96	2.66	8.19
1300	-	-	-	-	-	0.03	0.03	0.03
1400	-	-	-	-	-	0.03	0.05	0.05
1500	-	-	-	-	-	-	0.03	0.08
1600	-	-	-	-	-	-	-	0.05
1700	-	-	-	-	-	-	-	0.05
1800	-	-	-	-	-	-	-	0.05
1900	-	-	-	-	-	-	-	0.08
2000	-	-	-	-	-	-	0.03	0.14
2100	-	-	-	-	-	-	0.05	0.19
2200	0.03	0.33	0.66	0.74	3.86	10.35	16.01	22.83
2300	-	0.16	0.82	0.96	4.08	11.22	16.29	20.70
MEAN	0.06	0.26	0.50	0.58	1.78	5.30	9.17	15.63



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MODEL C

AERODROME : MAE HONG SON AIRPORT - VTCH

RWY(TDZ) : 11

Annual

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 3653

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	-	-	0.03	0.22	0.27	44.07	0.03
0100	-	-	-	0.19	0.27	42.98	0.05
0200	-	-	-	0.05	0.08	39.42	0.03
0300	-	-	-	0.03	0.03	33.15	0.03
0400	-	0.03	0.03	0.05	0.05	28.31	0.03
0500	-	-	-	-	-	23.98	-
0600	-	-	-	-	-	22.20	-
0700	-	-	-	-	-	20.94	-
0800	-	-	-	-	-	20.67	-
0900	-	-	-	-	-	21.24	-
1000	-	-	-	-	-	21.60	0.03
1100	-	-	-	-	0.03	22.72	-
1200	-	-	-	-	-	17.57	0.03
1300	-	-	-	-	-	0.05	-
1400	-	-	-	-	-	0.03	-
1500	-	-	-	-	-	0.05	-
1600	-	-	-	-	-	0.03	-
1700	-	-	-	-	-	0.03	-
1800	-	-	-	-	-	0.03	-
1900	-	-	-	-	-	0.03	0.03
2000	-	-	-	-	-	0.03	-
2100	-	-	-	-	-	0.05	-
2200	-	-	-	-	-	12.62	-
2300	-	-	-	0.05	0.05	13.39	-
MEAN	0.00	0.00	0.00	0.02	0.03	16.05	0.01



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL D

AERODROME : MAE HONG SON AIRPORT - VTCH

RWY(TDZ) : 11

Annual

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 43305

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	23.07	-	-	-	-	-	-	-	-	-	-	-	23.07
VARIABLE	-	41.14	0.82	0.00	0.03	0.01	-	-	-	-	-	-	42.00
[35-36-01]	-	0.83	0.12	0.00	0.00	0.00	-	-	-	-	-	-	0.95
[02-03-04]	-	0.49	0.19	0.01	0.00	0.01	0.00	0.00	-	-	-	-	0.70
[05-06-07]	-	0.51	0.05	0.00	0.00	-	-	0.00	-	-	-	-	0.56
[08-09-10]	-	1.35	0.22	0.01	-	-	-	-	-	-	-	-	1.58
[11-12-13]	-	3.37	0.76	0.03	0.00	0.00	0.00	-	-	-	-	-	4.16
[14-15-16]	-	3.52	0.24	-	0.01	0.01	-	-	-	-	-	-	3.78
[17-18-19]	-	4.33	0.75	0.02	0.02	0.01	-	0.00	-	-	-	-	5.13
[20-21-22]	-	4.34	0.51	0.01	0.03	0.00	-	-	0.00	-	-	-	4.89
[23-24-25]	-	3.69	0.37	0.00	0.01	0.00	-	-	-	-	-	-	4.07
[26-27-28]	-	2.39	0.18	0.00	0.00	0.00	-	0.00	-	-	-	-	2.57
[29-30-31]	-	3.12	0.44	0.02	-	0.00	-	-	-	-	-	-	3.58
[32-33-34]	-	2.55	0.32	0.00	0.00	0.01	0.00	-	-	-	-	-	2.88
MEAN	23.07	5.51	0.38	0.01	0.01	0.01	0.00	0.00	0.00	-	-	-	



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MODEL E

AERODROME : MAE HONG SON AIRPORT - VTCH

RWY(TDZ) : 11

Annual

PERIOD OF RECORD : 2015-2024

TOTAL NUMBER OF OBSERVATIONS : 3653

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	0.22	7.56	20.42	37.42	30.82	0.49	-	-	-
0100	0.03	5.39	19.22	26.39	43.88	1.92	-	-	-
0200	-	1.20	14.78	21.79	52.01	7.06	-	-	-
0300	-	0.05	5.04	22.09	52.48	16.67	0.19	-	-
0400	-	0.03	0.27	15.44	47.66	30.77	2.60	-	-
0500	-	-	0.19	4.24	39.99	41.31	8.49	-	-
0600	-	-	0.11	1.07	30.50	48.56	14.45	0.19	-
0700	-	-	0.11	0.82	21.38	52.86	17.71	1.81	-
0800	-	-	0.08	0.77	18.92	53.60	20.26	3.09	-
0900	-	-	0.08	0.90	21.87	51.49	19.87	3.18	-
1000	-	-	0.11	1.51	28.36	43.17	16.70	2.22	-
1100	-	-	0.22	5.78	44.98	23.93	11.83	0.49	-
1200	-	-	0.33	11.66	35.45	13.44	3.50	-	-
1300	-	-	-	0.11	0.19	0.27	-	-	-
1400	-	-	-	0.14	0.25	0.16	-	-	-
1500	-	-	-	0.08	0.33	0.08	-	-	-
1600	-	-	-	0.11	0.36	0.03	-	-	-
1700	-	-	-	0.11	0.36	0.03	-	-	-
1800	-	-	-	0.14	0.33	-	-	-	-
1900	-	-	-	0.30	0.19	-	-	-	-
2000	-	-	-	0.27	0.19	-	-	-	-
2100	-	-	-	0.36	0.14	-	-	-	-
2200	-	1.48	4.49	9.85	7.25	0.41	-	-	-
2300	-	1.59	4.63	10.18	6.95	0.19	-	-	-
MEAN	0.01	0.72	2.92	7.15	20.20	16.10	4.82	0.46	0.00



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AERODROME : MAE HONG SON AIRPORT - VTCH RWY(TDZ): 11

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

ELEMENTS	MONTHLY MEAN												ANN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Daily Minimum Temperature (oC)	15.3	14.5	18.0	24.1	24.6	25.2	24.7	24.5	24.3	23.3	20.8	17.5	21.4
Daily Mean Temperature (oC)	23.7	25.1	28.4	32.8	30.7	29.4	28.6	28.2	28.5	28.2	26.8	24.4	27.9
Daily Maximum Temperature (oC)	30.0	32.0	34.7	38.3	36.5	32.9	31.9	31.3	32.1	32.2	31.4	29.8	32.8
Daily Minimum Pressure (hPa)	1010.6	986.4	952.3	1004.6	1003.4	1003.6	1003.5	1003.7	1005.2	1008.0	1010.0	1011.4	1000.2
Daily Mean Pressure (hPa)	1013.9	990.0	956.1	1008.7	1007.5	1006.4	1006.1	1006.3	1008.1	1010.9	1012.9	1014.4	1003.4
Daily Maximum Pressure (hPa)	1017.3	993.6	959.6	1012.3	1010.5	1008.7	1008.3	1008.5	1010.8	1013.7	1015.9	1017.5	1006.4
	EXTREMES												
Daily Minimum Temperature (oC)	8.0	9.0	12.0	17.0	21.0	23.0	21.0	23.0	22.0	18.0	16.0	9.0	8.0
Daily Maximum Temperature (oC)	38.0	37.0	41.0	44.0	42.0	38.0	38.0	35.0	36.0	36.0	34.0	39.0	44.0
Daily Minimum Pressure (hPa)	1003.0	1003.0	1000.0	1000.0	998.0	999.0	998.0	996.0	999.0	1002.0	1005.0	1008.0	996.0
Daily Maximum Pressure (hPa)	1023.0	1023.0	1021.0	1019.0	1017.0	1018.0	1018.0	1014.0	1019.0	1019.0	1020.0	1024.0	1024.0
Daily Maximum Wind speed (kt)	10	24	24	32	35	24	25	17	20	40	28	8	40
With wind direction (36 DIR.)	230	130	280	060	020	190	180	220	250	210	110	010	210
Daily Maximum Peak gust (kt)	-	24	24	32	35	24	25	17	20	40	28	-	40
With wind direction (36 DIR.)	///	130	280	060	020	190	180	220	250	210	110	///	210
Daily Maximum cross wind speed (kt)	8.7	8.2	10.5	24.5	35.0	23.6	23.5	16.0	15.8	39.4	12.2	7.9	39.4



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AERODROME : MAE HONG SON AIRPORT - VTCH

PERIOD OF RECORD:2015-2024

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 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	300	290	100	200	310	290	320	300	320	320	310	100	320
0100	300	290	310	300	300	320	330	310	320	300	290	330	300
0200	310	300	310	300	310	190	210	200	300	300	300	130	310
0300	190	330	320	250	260	210	170	200	190	300	310	140	210
0400	330	260	250	270	210	170	200	200	160	170	290	220	210
0500	260	230	260	260	260	180	180	180	200	120	130	220	200
0600	230	250	260	220	220	180	180	190	140	330	150	140	180
0700	240	260	220	250	170	220	170	180	150	120	140	220	220
0800	170	220	200	200	180	180	200	180	150	130	130	150	180
0900	240	250	250	240	170	180	200	190	320	130	150	150	200
1000	300	240	240	240	150	190	180	180	150	130	130	140	240
1100	110	130	130	240	170	180	180	200	330	130	120	120	120
1200	100	130	130	130	200	190	190	180	140	130	130	110	130
1300	-	100	-	-	130	-	-	-	-	-	-	-	130
1400	-	-	-	-	320	-	-	-	-	-	-	120	320
1500	230	-	-	-	310	-	-	-	-	-	-	-	230
1600	-	-	-	-	310	-	-	-	-	-	-	-	310
1700	-	-	-	-	200	-	-	-	-	-	-	-	200
1800	-	-	-	-	030	-	-	-	-	-	-	-	030
1900	-	-	-	-	170	-	-	-	-	-	-	-	170
2000	-	-	-	-	220	-	-	-	-	-	-	-	220
2100	-	-	-	-	270	-	-	-	-	-	-	-	270
2200	110	020	090	180	200	320	190	130	330	320	100	080	090
2300	070	100	100	190	300	120	130	120	310	040	100	110	100



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PERIOD OF RECORD:2015-2024

LATTITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

AVERAGE WIND SPEED (K) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	0.40	0.22	0.41	0.97	0.96	0.89	0.66	0.43	0.52	0.80	0.64	0.45	0.61
0100	0.37	0.22	0.41	1.39	1.53	1.00	1.08	0.78	0.76	0.90	0.68	0.49	0.80
0200	0.54	0.54	0.69	2.13	2.25	1.68	1.64	1.37	1.36	1.49	1.11	0.79	1.30
0300	1.44	1.27	1.44	2.80	2.78	2.55	2.37	2.13	2.06	2.07	1.99	1.75	2.05
0400	1.93	2.07	2.17	3.24	3.11	3.21	2.90	2.67	2.65	2.58	2.37	2.15	2.59
0500	2.37	2.52	2.78	3.49	3.49	3.55	3.36	3.20	3.09	2.96	2.73	2.50	3.00
0600	2.75	2.98	3.28	3.93	3.81	3.77	3.47	3.56	3.49	3.29	2.92	2.80	3.34
0700	3.00	3.37	3.65	4.19	4.03	3.97	3.72	3.65	3.72	3.59	3.10	2.97	3.58
0800	3.25	3.66	3.79	4.27	4.08	4.12	3.90	3.82	3.90	3.61	3.22	2.87	3.71
0900	3.03	3.54	3.78	4.36	4.15	4.19	4.03	3.66	3.45	3.53	3.18	2.71	3.63
1000	2.54	2.93	3.23	4.00	4.08	4.03	3.77	3.60	3.06	3.29	2.61	2.31	3.29
1100	3.48	2.67	2.15	3.38	3.81	3.64	3.16	3.03	2.66	3.17	4.21	4.23	3.30
1200	4.03	4.31	3.45	3.27	3.42	3.04	2.60	2.39	2.69	2.75	2.44	2.77	3.10
1300	-	3.00	-	1.00	2.22	-	-	-	-	-	-	2.00	2.06
1400	-	-	-	-	1.65	-	-	-	-	-	-	3.00	2.33
1500	10.00	-	-	-	2.44	-	-	-	-	-	-	-	6.22
1600	-	-	-	-	2.22	-	-	-	-	-	-	-	2.22
1700	-	-	-	-	1.39	-	-	-	-	-	-	-	1.39
1800	-	-	-	-	1.47	-	-	-	-	-	-	-	1.47
1900	-	-	-	-	1.22	-	-	-	-	-	-	-	1.22
2000	-	-	-	-	0.88	-	-	-	-	-	-	-	0.88
2100	-	-	-	-	0.94	-	-	-	-	-	-	-	0.94
2200	0.21	0.30	0.37	1.67	1.20	0.55	0.92	0.67	0.57	0.57	0.54	0.52	0.67
2300	0.29	0.35	0.52	1.48	1.01	0.72	0.58	0.56	0.53	0.37	0.40	0.49	0.61
ALL	2.48	2.12	2.14	2.85	2.42	2.73	2.54	2.37	2.30	2.33	2.14	2.05	2.37



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PERIOD OF RECORD:2015-2024

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT WIND DIRECTION (IN 10 ° 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	-	1.54	1.54	-	-	-	-	-	-	-	-	3.08
010	-	-	-	-	-	-	-	-	-	-	-	0.00
020	-	1.54	3.08	-	1.54	-	-	-	-	-	-	6.16
030	-	-	-	-	-	-	-	-	-	-	-	0.00
040	-	-	1.54	1.54	-	-	-	-	-	-	-	3.08
050	-	-	-	-	-	-	-	-	-	-	-	0.00
060	-	-	-	-	1.54	-	-	-	-	-	-	1.54
070	-	-	-	-	-	-	-	-	-	-	-	0.00
080	-	-	-	-	-	-	-	-	-	-	-	0.00
090	1.54	-	-	-	-	-	-	-	-	-	-	1.54
100	-	-	-	-	-	-	-	-	-	-	-	0.00
110	-	-	-	1.54	-	-	-	-	-	-	-	1.54
120	-	1.54	1.54	-	-	-	-	-	-	-	-	3.08
130	-	-	1.54	-	-	-	-	-	-	-	-	1.54
140	-	-	3.08	-	-	-	-	-	-	-	-	3.08
150	-	1.54	1.54	-	-	-	-	-	-	-	-	3.08
160	-	3.08	1.54	-	-	-	-	-	-	-	-	4.62
170	-	3.08	1.54	-	-	-	-	-	-	-	-	4.62
180	-	4.62	3.08	-	1.54	-	-	-	-	-	-	9.24
190	3.08	-	1.54	-	-	-	-	-	-	-	-	4.62
200	-	6.15	-	-	-	-	-	-	-	-	-	6.15
210	1.54	3.08	1.54	-	-	1.54	-	-	-	-	-	7.70
220	-	3.08	-	-	-	-	-	-	-	-	-	3.08
230	1.54	-	1.54	-	-	-	-	-	-	-	-	3.08
240	-	1.54	-	-	-	-	-	-	-	-	-	1.54
250	-	3.08	1.54	-	-	-	-	-	-	-	-	4.62
260	-	-	1.54	-	-	-	-	-	-	-	-	1.54
270	-	3.08	-	-	-	-	-	-	-	-	-	3.08
280	1.54	-	1.54	-	-	-	-	-	-	-	-	3.08
290	-	-	-	-	-	-	-	-	-	-	-	0.00
300	-	-	-	-	-	-	-	-	-	-	-	0.00
310	1.54	-	3.08	-	-	-	-	-	-	-	-	4.62
320	-	-	3.08	1.54	-	-	-	-	-	-	-	4.62
330	-	1.54	-	1.54	-	-	-	-	-	-	-	3.08
340	-	-	1.54	-	-	-	-	-	-	-	-	1.54
350	-	1.54	-	-	-	-	-	-	-	-	-	1.54
TOTAL	10.78	40.03	36.96	6.16	4.62	1.54	0.00	0.00	0.00	0.00	0.00	100.00



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE HONG SON AIRPORT - VTCH

PERIOD OF RECORD:2015-2024

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

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

WIND DIR.	WIND MAXIMUM SPEED (KT)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
360	4	5	5	8	22	19	5	12	10	8	6	7
010	7	3	3	7	7	4	4	6	7	7	5	8
020	7	5	7	21	35	20	6	4	10	11	4	7
030	7	3	5	9	8	6	6	5	7	8	6	6
040	7	3	5	7	28	6	5	10	8	7	7	7
050	6	6	4	7	9	5	12	5	6	6	3	5
060	5	4	4	32	7	5	5	5	6	8	4	3
070	5	5	4	6	8	5	4	10	9	8	19	4
080	6	6	6	7	10	6	6	5	10	11	5	5
090	7	6	13	12	7	6	4	8	4	5	5	6
100	6	7	6	15	6	4	6	8	12	6	7	6
110	7	7	9	8	9	6	11	7	9	10	28	8
120	8	7	7	23	14	9	20	10	14	16	8	7
130	8	24	9	11	13	10	12	10	12	10	8	7
140	5	5	8	21	9	9	8	7	6	22	6	6
150	5	5	6	25	17	7	7	5	7	5	6	5
160	5	6	7	23	16	9	18	16	7	10	4	4
170	7	7	8	23	18	21	18	10	8	5	4	5
180	6	7	8	8	32	18	25	11	9	6	8	6
190	5	7	6	15	8	24	10	10	8	10	4	5
200	5	7	8	17	18	19	8	7	9	6	5	5
210	6	6	7	24	8	9	10	16	16	40	4	5
220	5	7	8	8	19	8	15	17	7	8	6	5
230	10	7	7	7	25	17	9	6	5	6	5	5
240	6	6	8	9	18	8	8	7	6	6	5	4
250	5	7	7	8	20	7	21	9	20	5	6	5
260	6	7	6	24	10	10	6	6	6	4	5	6
270	4	6	18	7	6	9	20	6	6	5	5	5
280	5	6	24	6	31	6	5	7	5	6	7	5
290	7	7	7	10	11	6	7	6	9	6	6	8
300	7	7	7	7	12	11	6	9	8	10	6	8
310	7	9	7	25	13	14	9	7	8	8	7	8
320	9	6	21	8	29	7	7	7	8	7	7	6
330	8	7	7	27	7	9	7	9	9	8	7	6
340	5	5	5	7	10	5	9	5	6	24	7	4
350	6	5	4	17	10	5	8	5	7	6	7	5
MAX.SPEED	10	24	24	32	35	24	25	17	20	40	28	8
DIR.	230	130	280	060	020	190	180	220	250	210	110	010



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE HONG SON AIRPORT - VTCH RWY(TDZ): 11

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

AVERAGE SEVERE WIND SPEED (kt) DURING 10 YEARS

ELEMENTS	MONTH	AVERAGE SEVERE WIND SPEED (kt) DURING 10 YEARS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
HEAD WIND		3.3	2.8	2.2	2.6	2.8	2.5	2.5	2.3	2.6	3.4	3.7	3.7	2.9
TAIL WIND		2.1	2.4	2.8	3.8	3.8	2.8	2.7	2.3	2.7	2.5	2.1	1.5	2.6
R-CROSS WIND		2.0	2.2	2.8	4.0	4.1	4.6	4.5	3.8	2.9	2.5	1.9	1.9	3.1
L-CROSS WIND		1.1	0.8	0.9	1.9	2.3	1.4	1.2	1.2	1.7	1.8	1.1	0.8	1.4
HW/TW		3.8	3.7	3.6	4.8	4.8	3.8	3.7	3.4	3.7	4.2	4.1	3.9	4.0
R/L-CROSS WIND		2.4	2.5	3.1	4.7	5.0	4.9	4.8	4.1	3.6	3.3	2.4	2.2	3.6
HW/TW/R/L-CROSS WIND		4.0	3.9	4.2	5.8	6.1	5.5	5.3	4.6	4.5	4.7	4.2	4.0	4.7



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE HONG SON AIRPORT - VTCH

PERIOD OF RECORD:2015-2024

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

AIR TEMPERATURE (°C) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	15.4	14.8	19.0	24.3	25.7	25.3	24.9	24.6	24.4	23.5	21.0	17.7	21.7
0100	16.1	15.9	20.7	26.1	27.0	26.3	25.7	25.3	25.3	24.3	21.8	18.2	22.7
0200	17.9	18.6	23.4	28.5	28.7	27.4	26.8	26.4	26.5	25.6	23.5	19.6	24.4
0300	20.4	21.7	26.4	30.7	30.4	28.6	28.0	27.5	27.7	27.1	25.3	21.9	26.3
0400	23.1	24.6	29.4	32.7	31.9	29.7	29.0	28.5	28.9	28.6	27.1	24.2	28.1
0500	25.3	27.3	32.1	34.6	33.2	30.7	29.8	29.3	29.9	29.8	28.7	26.1	29.7
0600	27.3	29.8	34.1	36.2	34.3	31.3	30.5	29.9	30.6	30.9	29.9	27.7	31.0
0700	28.5	31.3	35.5	37.3	35.2	31.8	30.8	30.4	31.1	31.5	30.7	28.8	31.9
0800	29.4	32.2	36.2	37.7	35.4	31.8	30.9	30.5	31.1	31.5	31.1	29.5	32.3
0900	29.6	32.6	36.4	37.4	35.4	31.4	30.5	30.2	30.8	31.1	30.9	29.5	32.2
1000	29.2	32.3	35.9	36.7	34.5	30.7	29.8	29.5	30.3	30.1	29.8	28.7	31.5
1100	25.9	29.8	34.0	35.5	33.1	29.9	29.0	28.5	28.9	27.9	26.7	25.0	29.5
1200	23.7	26.6	31.4	32.6	31.1	28.7	27.8	27.1	27.4	26.7	25.6	23.2	27.7
1300	-	23.0	-	23.0	29.5	-	-	-	-	-	-	24.0	24.9
1400	-	22.0	-	23.0	28.3	-	-	-	-	-	-	24.0	24.3
1500	-	-	-	-	27.1	-	-	-	-	-	-	-	27.1
1600	-	-	-	-	26.2	-	-	-	-	-	-	-	26.2
1700	-	-	-	-	25.8	-	-	-	-	-	-	-	25.8
1800	-	-	-	-	25.4	-	-	-	-	-	-	-	25.4
1900	-	-	-	-	24.3	-	-	-	-	-	-	-	24.3
2000	-	-	-	-	24.2	-	-	-	-	-	-	-	24.2
2100	-	-	-	-	23.7	-	-	-	-	-	-	-	23.7
2200	15.0	15.0	19.0	25.8	25.2	25.4	25.1	24.6	24.6	23.6	21.3	19.2	22.0
2300	14.8	14.7	18.7	25.2	25.0	25.3	25.0	24.5	24.5	23.5	21.3	19.2	21.8
MEAN	22.8	24.2	28.8	31.0	29.2	29.0	28.2	27.8	28.1	27.7	26.3	23.9	27.3



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE HONG SON AIRPORT - VTCH

PERIOD OF RECORD:2015-2024

LATITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

AIR PRESSURE (hPa) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	1015.3	1015.0	1012.5	1010.9	1009.3	1007.7	1007.2	1007.2	1009.3	1012.3	1014.4	1015.7	1011.4
0100	1016.2	1015.9	1013.4	1011.7	1009.9	1008.2	1007.7	1007.8	1010.1	1013.0	1015.2	1016.6	1012.1
0200	1016.9	1016.6	1014.1	1012.2	1010.3	1008.6	1008.1	1008.2	1010.6	1013.5	1015.8	1017.3	1012.7
0300	1017.2	1016.9	1014.1	1012.1	1010.2	1008.6	1008.1	1008.4	1010.7	1013.7	1015.9	1017.4	1012.8
0400	1016.7	1016.3	1013.5	1011.4	1009.6	1008.2	1007.8	1008.1	1010.2	1013.0	1015.1	1016.8	1012.2
0500	1015.4	1015.0	1012.2	1010.3	1008.6	1007.6	1007.3	1007.5	1009.4	1011.9	1013.9	1015.6	1011.2
0600	1013.9	1013.4	1010.6	1008.9	1007.6	1006.7	1006.4	1006.6	1008.3	1010.6	1012.5	1014.1	1010.0
0700	1012.5	1011.9	1009.0	1007.3	1006.1	1005.6	1005.5	1005.6	1007.0	1009.4	1011.3	1012.8	1008.7
0800	1011.5	1010.7	1007.7	1005.9	1004.9	1004.8	1004.7	1004.7	1006.0	1008.5	1010.4	1011.9	1007.6
0900	1010.9	1009.9	1006.8	1005.1	1004.1	1004.1	1004.0	1004.1	1005.5	1008.0	1010.1	1011.5	1007.0
1000	1010.9	1009.7	1006.6	1004.7	1003.8	1003.9	1003.8	1003.9	1005.4	1008.3	1010.2	1011.6	1006.9
1100	1011.2	1009.9	1006.7	1005.0	1004.3	1004.0	1004.1	1004.3	1005.9	1009.0	1010.9	1012.1	1007.3
1200	1011.6	1010.3	1006.8	1006.3	1005.0	1004.7	1004.5	1004.7	1006.9	1009.4	1011.3	1012.9	1007.9
1300	-	1011.0	-	1010.0	1007.1	-	-	-	-	-	-	1014.0	1010.5
1400	-	1012.0	-	1010.0	1008.2	-	-	-	-	-	-	1015.0	1011.3
1500	-	-	-	-	1009.3	-	-	-	-	-	-	-	1009.3
1600	-	-	-	-	1010.0	-	-	-	-	-	-	-	1010.0
1700	-	-	-	-	1010.0	-	-	-	-	-	-	-	1010.0
1800	-	-	-	-	1009.6	-	-	-	-	-	-	-	1009.6
1900	-	-	-	-	1009.4	-	-	-	-	-	-	-	1009.4
2000	-	-	-	-	1008.9	-	-	-	-	-	-	-	1008.9
2100	-	-	-	-	1009.2	-	-	-	-	-	-	-	1009.2
2200	1014.8	1014.1	1011.9	1008.2	1008.6	1006.8	1006.8	1007.8	1007.9	1011.9	1013.5	1014.3	1010.6
2300	1015.4	1014.6	1012.5	1008.9	1009.1	1007.1	1007.0	1008.1	1008.1	1012.4	1013.9	1014.7	1011.0
MEAN	1014.0	1013.1	1010.6	1008.8	1008.0	1006.4	1006.2	1006.5	1008.1	1011.0	1013.0	1014.4	1010.0



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : MAE HONG SON AIRPORT - VTCH RWY(TDZ): 11

PERIOD OF RECORD:2015-2024

LATTITUDE: 19 18' 04" N, LONGITUDE: 97 58' 29" E, ELEVATION ABOVE MSL: 283 M

OCCURRENCE OF PHENOMENAS DURING 10 YEARS

ELEMENTS	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	DRIZZLE DAYS		5	-	-	2	6	24	27	41	25	15	12	4
RAIN DAYS		16	7	9	21	69	171	206	209	164	112	35	10	1029
SHOWER DAYS		-	-	-	-	-	14	18	23	22	21	7	-	105
THUNDER DAYS		-	-	2	18	42	14	6	13	23	17	4	-	139
THUNDERSTORM DAYS		3	2	3	23	41	16	10	18	31	37	4	2	190
HAIL DAYS		-	-	-	-	-	-	-	-	-	-	-	-	0
FOG DAYS		125	26	-	-	4	2	-	-	-	12	72	191	432
MIST DAYS		230	197	248	124	74	76	95	145	169	218	240	268	2084
HAZE DAYS		6	88	268	208	14	1	-	-	1	-	-	1	587
SMOKE DAYS		-	1	29	10	5	-	-	-	-	-	-	-	45
GALE DAYS (>= 34 KT)		-	-	-	-	1	-	-	-	-	1	-	-	2
HEAD WIND DAYS (>= 10 KT)		-	1	-	11	6	1	4	-	4	3	2	-	32
TAIL WIND DAYS (>= 10 KT)		-	-	1	5	9	1	-	-	-	-	-	-	16
R-CROSS WIND DAYS (>= 10 KT)		-	-	-	5	4	2	4	2	-	1	-	-	18
L-CROSS WIND DAYS (>= 10 KT)		-	-	-	7	8	1	1	2	1	1	1	-	22