

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL A

AERODROME: Mae Hong Son Airport - VTCH

RWY (TDZ) : R11

Annual

PERIOD OF RECORD: 2014 - 2023

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

FREQUENCIES (PER CENT) OF THE OCCURRENCE OF RUNWAY VISUAL RANGE / VISIBILITY (BOTH IN METRES) 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)				
	<150	<350	<550	<800	<1500	<500	<800	<1500	<3000	<5000
	<150	<300	<600	<1000	<1500	<300	<600	<1000	<1500	<3000
0000	0	0	0.033	0.396	1.024	4.855	7.232	14.861	36.394	49.967
0100	0	0	0.134	0.335	1.040	3.791	5.334	11.707	27.239	43.073
0200	0	0	0	0.067	0.368	0.033	0.401	4.580	16.416	27.282
0300	0	0	0	0.068	0.375	0	0.102	1.328	7.933	13.483
0400	0	0	0	0	0.137	0	0.102	0.991	6.218	10.523
0500	0	0	0	0	0	0	0	0.726	3.896	10.730
0600	0	0	0	0	0	0	0	0.225	2.412	9.456
0700	0	0	0	0	0	0	0	0.131	1.509	9.118
0800	0	0	0	0	0	0	0	0.134	0.969	7.682
0900	0	0	0	0	0	0	0	0.068	0.749	7.009
1000	0	0	0	0	0	0	0.033	0.130	1.041	8.228
1100	0	0	0	0	0	0	0	0.066	1.024	8.790
1200	0	0	0	0	0	0	0.039	0.116	1.432	9.640
1300	0	0	0	0	0	0	0	0	4.762	9.524
1400	0	0	0	0	0	0	0	0	5.000	10.000
1500	0	0	0	0	0	0	0	0	0	10.000
1600	0	0	0	0	0	0	0	0	0	5.263
1700	0	0	0	0	0	0	0	0	0	5.263
1800	0	0	0	0	0	0	0	0	0	5.882
1900	0	0	0	0	0	0	0	0	0	5.556
2000	0	0	0	0	0	0	0	0	0	5.882
2100	0	0	0	0	0	0	0	0	0	11.765
2200	0	0	0	0.406	1.420	2.637	4.260	17.850	46.045	63.489
2300	0	0	0	0.405	1.619	3.239	4.251	19.231	50.000	65.587
MEAN	0.000	0.000	0.007	0.070	0.249	0.606	0.906	3.006	8.877	17.216

AERONAUTICAL CLIMATOLOGY								
AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM						MODEL B		
AERODROME: Mae Hong Son Airport - VTCH						RWY (TDZ) : R11		
Annual						PERIOD OF RECORD: 2014 - 2023		
TOTAL NUMBER OF OBSERVATIONS :			39823					
LATITUDE : 19° 18' 4" 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	1.321	3.732	6.242	7.232	14.861	36.394	49.967	67.140
0100	1.006	2.784	4.831	5.334	11.707	27.239	43.073	64.039
0200	0	0	0.234	0.401	4.580	16.416	27.282	46.841
0300	0	0	0.034	0.102	1.328	7.933	13.483	26.830
0400	0	0	0	0.102	0.991	6.218	10.523	19.269
0500	0	0	0	0	0.726	3.896	8.848	16.441
0600	0	0	0	0	0.225	2.412	7.141	14.924
0700	0	0	0	0	0.131	1.509	5.280	12.758
0800	0	0	0	0	0.134	0.969	4.375	12.091
0900	0	0	0	0	0.068	0.749	3.368	11.671
1000	0	0	0.033	0.033	0.130	1.041	3.382	10.959
1100	0	0	0	0	0.066	1.024	3.800	11.302
1200	0	0	0	0.039	0.116	1.432	4.220	12.466
1300	0	0	0	0	0	4.762	4.762	4.762
1400	0	0	0	0	0	5.000	10.000	10.000
1500	0	0	0	0	0	0	5.000	20.000
1600	0	0	0	0	0	0	0	15.789
1700	0	0	0	0	0	0	0	15.789
1800	0	0	0	0	0	0	0	11.765
1900	0	0	0	0	0	0	0	16.667
2000	0	0	0	0	0	0	5.882	29.412
2100	0	0	0	0	0	0	11.765	41.176
2200	0.203	2.028	3.651	4.260	17.850	46.045	63.489	95.132
2300	0	1.012	3.441	4.251	19.231	50.000	65.587	83.198
MEAN	0.105	0.398	0.769	0.906	3.006	8.877	14.634	27.934

AERONAUTICAL CLIMATOLOGY							
AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM					MODEL C		
AERODROME: Mae Hong Son Airport - VTCH					RWY (TDZ) : R11		
Annual					PERIOD OF RECORD: 2014 - 2023		
TOTAL NUMBER OF OBSERVATIONS :					39823		
LATITUDE : 19° 18' 4" 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	0	0.033	0.231	0.297	3.996	3.996
0100	0	0	0	0.235	0.302	3.824	3.824
0200	0	0	0	0.067	0.100	4.681	4.681
0300	0	0	0	0.034	0.034	7.593	7.593
0400	0	0	0	0.034	0.034	10.284	10.284
0500	0	0	0	0	0	10.763	10.763
0600	0	0	0	0	0	9.489	9.489
0700	0	0	0	0	0	9.118	9.118
0800	0	0	0	0	0	7.749	7.749
0900	0	0	0	0	0	7.009	7.009
1000	0	0	0	0	0	8.293	8.293
1100	0	0	0	0	0.033	8.890	8.890
1200	0	0	0	0	0	9.756	9.756
1300	0	0	0	0	0	9.524	9.524
1400	0	0	0	0	0	5.000	5.000
1500	0	0	0	0	0	10.000	10.000
1600	0	0	0	0	0	5.263	5.263
1700	0	0	0	0	0	5.263	5.263
1800	0	0	0	0	0	5.882	5.882
1900	0	0	0	0	0	5.556	5.556
2000	0	0	0	0	0	5.882	5.882
2100	0	0	0	0	0	11.765	11.765
2200	0	0	0	0	0	1.217	1.217
2300	0	0	0	0.405	0.405	2.429	2.429
MEAN	0.000	0.000	0.001	0.042	0.050	7.051	7.051

AERONAUTICAL CLIMATOLOGY												
AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM										MODEL D		
AERODROME: Mae Hong Son Airport - VTCH										RWY (TDZ) : R11		
Annual										PERIOD OF RECORD: 2014 - 2023		
TOTAL NUMBER OF OBSERVATIONS :				39823			OBSERVATION INTERVAL: 1 hr.					
LATITUDE : 19° 18' 4" 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
	0-0	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	>50	
CALM	22.945	0	0	0	0	0	0	0	0	0	0	0	22.945
VARIABLE	0	38.851	0.784	0	0	0	0	0	0	0	0	0	39.636
[35-36-01]	0	0.884	0.111	0.003	0	0	0	0	0	0	0	0	0.997
[02-03-04]	0	0.520	0.189	0.016	0.003	0	0	0	0	0	0	0	0.728
[05-06-07]	0	0.542	0.057	0.003	0.003	0	0	0	0	0	0	0	0.604
[08-09-10]	0	1.418	0.218	0.008	0	0	0	0	0	0	0	0	1.644
[11-12-13]	0	3.771	0.854	0.035	0.005	0	0	0	0	0	0	0	4.666
[14-15-16]	0	3.874	0.248	0.005	0	0	0	0	0	0	0	0	4.127
[17-18-19]	0	4.717	0.844	0.013	0	0	0	0	0	0	0	0	5.574
[20-21-22]	0	4.841	0.553	0.005	0	0	0	0	0	0	0	0	5.399
[23-24-25]	0	4.062	0.394	0.003	0	0	0	0	0	0	0	0	4.458
[26-27-28]	0	2.431	0.202	0.005	0	0	0	0	0	0	0	0	2.639
[29-30-31]	0	3.178	0.466	0.019	0	0	0	0	0	0	0	0	3.663
[32-33-34]	0	2.580	0.329	0.011	0	0	0	0	0	0	0	0	2.919
MEAN	1.639	5.119	0.375	0.009	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.143

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM				MODEL E	
AERODROME: Mae Hong Son Airport - VTCH				RWY (TDZ) : R11	
Annual				PERIOD OF RECORD: 2014 - 2023	
TOTAL NUMBER OF OBSERVATIONS :		39823			
LATITUDE : 19° 18' 4" 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 TIMES

TIME (UTC)	TEMPERATURE (°C)								
	<10	10-14	15-19	20-24	25-29	30-34	35-39	40-45	>45
0000	0.198	6.770	17.173	39.300	30.713	0.330	0	0	0
0100	0.034	5.233	16.739	27.474	44.884	1.644	0	0	0
0200	0	1.471	14.845	22.033	53.728	6.687	0	0	0
0300	0	0.068	6.401	22.234	54.477	16.411	0.170	0	0
0400	0	0.034	0.478	16.023	49.710	31.397	2.084	0	0
0500	0	0	0.231	4.985	42.126	44.503	7.956	0	0
0600	0	0	0.096	1.222	32.326	51.817	14.024	0.161	0
0700	0	0	0.098	0.754	23.516	55.953	18.039	1.410	0
0800	0	0	0.033	0.802	20.407	55.511	20.407	2.772	0
0900	0	0	0.068	0.817	23.273	53.181	19.871	2.552	0
1000	0	0	0.130	1.659	31.577	47.187	17.203	2.016	0
1100	0	0	0.264	6.940	51.157	27.429	13.417	0.463	0
1200	0	0	0.426	18.467	55.014	20.364	5.459	0	0
1300	0	0	0	19.048	33.333	47.619	0	0	0
1400	0	0	0	25.000	45.000	30.000	0	0	0
1500	0	0	0	15.000	65.000	15.000	0	0	0
1600	0	0	0	26.316	68.421	5.263	0	0	0
1700	0	0	0	26.316	68.421	5.263	0	0	0
1800	0	0	0	29.412	70.588	0	0	0	0
1900	0	0	0	61.111	38.889	0	0	0	0
2000	0	0	0	58.824	41.176	0	0	0	0
2100	0	0	0	76.471	23.529	0	0	0	0
2200	0	5.477	18.661	46.856	27.789	1.217	0	0	0
2300	0	6.275	19.433	47.571	26.113	0.607	0	0	0
MEAN	0.010	1.055	3.962	24.776	42.549	21.558	4.943	0.391	0.000

AERONAUTICAL CLIMATOLOGY													
AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM										Meteorological elements summary			
AERODROME: Mae Hong Son Airport - VTCH													
Annual										PERIOD OF RECORD: 2014 - 2023			
TOTAL NUMBER OF OBSERVATIONS : 39823													
LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m													
ELEMENTS	MONTHLY MEAN												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Daily Minimum Temperature (°C)	16.6	16.5	20.2	25.4	25.9	25.7	25.0	24.8	24.6	23.5	21.5	#####	#####
Daily Mean Temperature (°C)	24.1	26.1	30.2	33.0	31.6	29.4	28.6	28.2	28.6	28.2	27.1	#####	#####
Daily Maximum Temperature (°C)	29.3	32.1	36.2	37.7	35.8	32.4	31.5	31.1	31.9	31.9	31.1	#####	#####
Daily Minimum Pressure	1011.0	1009.6	1006.7	1004.9	1003.8	1003.7	1003.7	1003.7	1005.4	1008.2	1010.1	#####	#####
Daily Mean Pressure	1013.9	1012.8	1010.3	1008.5	1007.2	1006.1	1006.0	1006.1	1008.2	1010.9	1012.7	#####	#####
Daily Maximum Pressure	1016.9	1016.1	1013.8	1011.8	1010.0	1008.2	1007.9	1008.1	1010.7	1013.6	1015.6	#####	#####
Precipitation (mm)	MONTHLY TOTAL												
Daily Minimum Temperature (°C)	EXTREMES												
	8	9	12	17	21	23	23	21	22	18	14	9	8
Daily Maximum Temperature (°C)	38	36	41	44	41	38	38	38	36	36	34	39	44
Daily Minimum Pressure (hPa)	1006	1003	1000	1000	998	998	999	996	998	1002	1005	1008	996
Daily max.3-hrs Precipitation (mm)													
Daily maximum wind speed (kt)	10	14	9	18	16	12	12	11	12	16	17	8	18
with wind direction (36DIR.)	230	130	VRB	060	020	190	050	210	130	120	110	010	060
Daily maximum peak gust (kt)	0	24	21	32	35	25	21	18	20	40	28	0	40
with wind direction (36DIR.)	#N/A	130	320	060	020	VRB	250	VRB	250	210	110	#N/A	210
Daily maximum cross wind speed (kt)	9	7	8	14	16	12	10	11	10	10	8	8	16

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AERODROME: Mae Hong Son Airport - VTCH

Annual

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

WIND DIRECTION

PERIOD OF RECORD: 2014 - 2023

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	080	310	300	310	310	290	330	#N/A	340	300	330	080	300
0100	300	310	310	300	300	190	330	300	320	300	290	230	300
0200	310	300	300	310	200	190	210	200	300	300	300	120	300
0300	190	300	300	230	180	210	210	200	180	300	210	140	210
0400	160	300	230	270	210	170	200	200	160	170	290	200	210
0500	250	230	260	260	300	180	180	180	160	120	230	220	200
0600	250	250	260	220	240	180	180	190	140	190	150	140	180
0700	240	260	220	220	190	220	170	180	150	120	140	220	220
0800	290	220	200	200	170	180	200	180	150	130	130	190	180
0900	240	240	240	240	170	180	200	170	150	130	140	150	200
1000	300	250	240	220	150	200	180	180	150	130	130	140	240
1100	110	130	130	240	200	180	180	200	330	130	120	120	120
1200	100	130	130	130	200	190	190	200	140	130	130	110	130
1300	#N/A	#N/A	#N/A	#N/A	130	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	130
1400	#N/A	#N/A	#N/A	#N/A	320	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	320
1500	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	230
1600	#N/A	#N/A	#N/A	#N/A	310	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	310
1700	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1800	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1900	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2000	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2100	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2200	#N/A	#N/A	#N/A	180	200	#N/A	190	#N/A	#N/A	#N/A	100	080	300
2300	#N/A	#N/A	#N/A	320	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	100	300	100

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

WIND SPEED

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

AVERAGE WIND SPEED (kt) AT SPECIFIED TIMES

TIME (UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
0000	0.42	0.27	0.32	0.93	1.00	0.79	0.70	0.34	0.57	0.82	0.55	0.42	0.60	
0100	0.35	0.28	0.41	1.26	1.49	0.97	1.05	0.71	0.78	0.97	0.62	0.43	0.79	
0200	0.47	0.60	0.63	2.06	2.19	1.66	1.76	1.27	1.45	1.50	1.15	0.72	1.31	
0300	1.33	1.35	1.38	2.67	2.78	2.54	2.40	1.94	2.04	2.09	1.93	1.68	2.03	
0400	1.85	2.08	2.06	3.15	3.09	3.19	2.98	2.56	2.70	2.63	2.34	2.07	2.58	
0500	2.32	2.55	2.74	3.44	3.39	3.53	3.32	3.07	3.15	2.97	2.70	2.46	2.99	
0600	2.70	2.98	3.23	3.89	3.81	3.75	3.49	3.40	3.54	3.27	2.91	2.81	3.32	
0700	2.97	3.40	3.58	4.22	4.02	3.98	3.65	3.47	3.81	3.64	3.07	2.95	3.57	
0800	3.17	3.65	3.71	4.23	4.09	4.12	3.85	3.59	3.86	3.54	3.26	2.88	3.67	
0900	2.93	3.40	3.64	4.30	4.02	4.30	3.91	3.58	3.47	3.53	3.11	2.78	3.60	
1000	2.48	2.91	3.06	3.94	3.83	4.13	3.83	3.35	3.10	3.22	2.50	2.32	3.23	
1100	3.43	2.63	2.08	3.33	3.78	3.61	3.14	2.90	2.69	3.07	4.20	4.10	3.24	
1200	4.10	4.27	3.45	3.22	3.36	3.01	2.52	2.32	2.64	2.59	2.45	2.83	3.06	
1300	#####	3.00	#####	1.00	2.22	#####	#####	#####	#####	#####	#####	#####	2.00	2.19
1400	#####	0.00	#####	0.00	1.65	#####	#####	#####	#####	#####	#####	#####	3.00	1.55
1500	10.00	#####	3.00	#####	2.44	#####	#####	#####	#####	#####	#####	#####	#####	2.85
1600	#####	#####	0.00	#####	2.35	#####	#####	#####	#####	#####	#####	#####	#####	2.22
1700	#####	#####	0.00	#####	1.39	#####	#####	#####	#####	#####	#####	#####	#####	1.32
1800	#####	#####	#####	#####	1.47	#####	#####	#####	#####	#####	#####	#####	#####	1.47
1900	#####	#####	#####	#####	1.22	#####	#####	#####	#####	#####	#####	#####	#####	1.22
2000	#####	#####	#####	#####	0.88	#####	#####	#####	#####	#####	#####	#####	#####	0.88
2100	#####	#####	#####	#####	1.00	#####	#####	#####	#####	#####	#####	#####	#####	1.00
2200	0.23	0.33	0.31	1.43	1.47	0.70	1.38	0.87	0.70	0.59	0.61	0.51	0.75	
2300	0.26	0.46	0.29	1.33	1.18	0.67	0.97	0.57	0.53	0.40	0.42	0.46	0.61	

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

WIND GUST

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

FREQUENCIES (PER CENT) OF OCCURRENCE OF CONCURRENT DIRECTIONS (IN 10° SECTORS) AND GUST SPEED
WITHIN SPECIFIED RANGES

WIND DIRECTION	11-15	16-20	21-25	26-30	31-35	36-40	41-45	45-50	51-55	56-60	>60	TOTAL
360	0	1.41	1.41	0	0	0	0	0	0	0	0	2.82
010	0	0	0	0	0	0	0	0	0	0	0	0.00
020	1.41	0	4.23	0	1.41	0	0	0	0	0	0	7.04
030	0	0	0	0	0	0	0	0	0	0	0	0.00
040	0	0	1.41	0	0	0	0	0	0	0	0	1.41
050	0	0	0	0	0	0	0	0	0	0	0	0.00
060	0	0	0	0	1.41	0	0	0	0	0	0	1.41
070	0	0	0	0	0	0	0	0	0	0	0	0.00
080	0	0	0	0	0	0	0	0	0	0	0	0.00
090	1.41	0	0	0	0	0	0	0	0	0	0	1.41
100	0	0	0	0	0	0	0	0	0	0	0	0.00
110	0	0	0	1.41	0	0	0	0	0	0	0	1.41
120	0	1.41	0	0	0	0	0	0	0	0	0	1.41
130	0	0	1.41	0	0	0	0	0	0	0	0	1.41
140	0	0	1.41	0	0	0	0	0	0	0	0	1.41
150	0	1.41	1.41	0	0	0	0	0	0	0	0	2.82
160	0	4.23	1.41	0	0	0	0	0	0	0	0	5.63
170	0	4.23	1.41	0	0	0	0	0	0	0	0	5.63
180	1.41	5.63	0	0	0	0	0	0	0	0	0	7.04
190	2.82	1.41	1.41	0	0	0	0	0	0	0	0	5.63
200	0	8.45	0	0	0	0	0	0	0	0	0	8.45
210	1.41	4.23	1.41	0	0	1.41	0	0	0	0	0	8.45
220	1.41	4.23	0	0	0	0	0	0	0	0	0	5.63
230	1.41	1.41	1.41	0	0	0	0	0	0	0	0	4.23
240	0	1.41	0	0	0	0	0	0	0	0	0	1.41
250	0	4.23	2.82	0	0	0	0	0	0	0	0	7.04
260	0	0	1.41	0	0	0	0	0	0	0	0	1.41
270	0	2.82	0	0	0	0	0	0	0	0	0	2.82
280	1.41	0	0	0	0	0	0	0	0	0	0	1.41
290	0	0	0	0	0	0	0	0	0	0	0	0.00
300	0	0	0	0	0	0	0	0	0	0	0	0.00
310	0	0	1.41	1.41	0	0	0	0	0	0	0	2.82
320	1.41	0	2.82	1.41	0	0	0	0	0	0	0	5.63
330	0	1.41	0	1.41	0	0	0	0	0	0	0	2.82
340	0	0	1.41	0	0	0	0	0	0	0	0	1.41
350	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL	14.08	47.89	28.17	5.63	2.82	1.41	0.00	0.00	0.00	0.00	0.00	100.00

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

MAXIMUM WIND

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

MAXIMUM SPEED (IN KNOTS) OCCURRENCE OF CONCURRENT WIND DIRECTIONS (IN 10° SECTORS)

WIND DIRECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
360	4	3	5	7	11	9	5	5	5	8	6	7
010	7	3	3	7	5	4	4	6	7	7	4	8
020	7	5	8	13	16	6	6	4	10	8	0	7
030	7	3	5	9	8	5	6	5	7	8	5	6
040	7	3	5	7	12	6	5	7	8	7	7	7
050	6	6	4	7	6	5	12	5	6	6	3	5
060	5	4	4	18	7	6	5	5	6	8	4	3
070	7	5	4	6	8	4	3	4	9	8	4	4
080	6	6	6	7	5	6	6	5	10	11	5	5
090	7	6	7	12	7	6	4	8	4	5	5	6
100	6	7	6	13	6	4	6	8	5	6	7	6
110	7	7	6	7	9	6	11	8	9	10	17	8
120	8	7	5	11	14	9	11	10	11	16	8	7
130	8	14	9	11	11	10	12	10	12	10	8	7
140	5	5	8	9	10	9	8	6	6	8	6	6
150	5	6	6	14	9	7	7	6	7	5	6	5
160	5	6	7	12	7	9	8	6	7	6	4	4
170	7	7	8	10	8	11	9	10	8	5	5	5
180	6	7	8	8	9	10	11	11	8	6	8	6
190	5	7	6	11	8	12	10	10	8	10	4	5
200	5	7	8	7	8	9	8	7	9	6	5	5
210	6	6	7	8	7	7	7	11	7	7	4	5
220	5	7	8	8	11	8	8	7	7	8	6	5
230	10	7	7	7	15	7	9	6	5	6	5	5
240	6	6	7	9	7	8	8	7	6	6	5	4
250	5	7	7	8	7	10	9	7	8	5	5	5
260	6	7	8	12	10	10	6	6	6	4	5	6
270	4	6	7	14	7	9	7	6	6	5	5	5
280	4	6	6	6	9	6	5	4	5	6	7	6
290	7	6	6	10	7	6	7	6	9	5	6	8
300	7	7	6	7	12	11	6	9	8	10	6	8
310	7	9	7	15	11	9	9	7	8	6	7	8
320	6	6	9	8	14	7	6	10	8	7	7	6
330	8	7	7	15	7	7	6	9	7	8	7	5
340	5	5	5	7	10	5	9	5	7	7	7	5
350	6	5	4	6	6	5	8	5	7	6	7	5
MAX.SPEED	10	14	9	18	16	12	12	11	12	16	17	8
DIR.	230	130	130	060	020	190	050	180	130	120	110	010

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AIR TEMPERATURE

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

TOTAL NUMBER OF OBSERVATIONS : 39823

LATITUDE : 19° 18' 4" 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
0000	15.0	15.0	18.9	24.0	25.5	25.3	24.9	24.6	24.4	23.3	21.2	17.9
0100	15.7	16.0	20.3	25.8	26.9	26.3	25.6	25.2	25.2	24.1	22.0	18.4
0200	17.5	18.4	22.9	28.3	28.5	27.4	26.8	26.3	26.4	25.5	23.4	19.5
0300	20.0	21.5	25.9	30.4	30.1	28.6	28.0	27.4	27.6	27.1	25.2	21.8
0400	22.7	24.6	29.0	32.5	31.7	29.8	29.1	28.4	28.9	28.5	27.1	24.2
0500	25.0	27.3	31.7	34.4	32.9	30.7	29.9	29.2	29.9	29.7	28.8	26.1
0600	27.0	29.7	33.9	36.1	34.2	31.3	30.6	29.7	30.7	30.8	29.9	27.7
0700	28.3	31.1	35.3	37.2	35.0	31.7	30.9	30.2	31.2	31.4	30.8	28.8
0800	29.2	32.0	36.1	37.7	35.1	31.8	31.0	30.4	31.3	31.4	31.1	29.4
0900	29.4	32.3	36.2	37.4	35.0	31.3	30.6	30.0	30.9	30.9	31.1	29.5
1000	29.1	32.0	35.7	36.6	34.4	30.7	29.9	29.4	30.3	30.1	29.9	28.7
1100	25.9	29.6	33.9	35.2	33.1	29.9	29.0	28.5	29.0	27.8	26.7	24.9
1200	23.6	26.5	31.2	32.7	31.1	28.7	27.8	27.0	27.5	26.7	25.5	23.3
1300	#####	23.0	#####	23.0	29.5	#####	#####	#####	#####	#####	#####	24.0
1400	#####	22.0	#####	23.0	28.3	#####	#####	#####	#####	#####	#####	24.0
1500	#####	#####	29.0	#####	27.1	#####	#####	#####	#####	#####	#####	#####
1600	#####	#####	21.0	#####	26.2	#####	#####	#####	#####	#####	#####	#####
1700	#####	#####	20.0	#####	25.8	#####	#####	#####	#####	#####	#####	#####
1800	#####	#####	#####	#####	25.4	#####	#####	#####	#####	#####	#####	#####
1900	#####	#####	#####	#####	24.3	#####	#####	#####	#####	#####	#####	#####
2000	#####	#####	#####	#####	24.2	#####	#####	#####	#####	#####	#####	#####
2100	#####	#####	#####	#####	23.6	#####	#####	#####	#####	#####	#####	#####
2200	14.1	15.7	19.4	25.2	24.9	25.3	25.3	24.6	24.5	23.3	21.3	19.1
2300	13.8	15.5	19.1	24.7	24.7	25.2	25.1	24.5	24.3	23.3	21.3	19.1
MEAN	23.9	25.9	29.9	32.8	31.3	29.4	28.7	28.1	28.6	28.1	27.0	24.7

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

AIR PRESSURE QNH

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

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LATITUDE : 19° 18' 4" 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
0000	1015.2	1014.6	1012.4	1010.9	1009.3	1007.3	1007.2	1007.0	1009.4	1012.6	1014.5	1015.9
0100	1016.3	1015.5	1013.4	1011.8	1009.9	1007.8	1007.7	1007.7	1010.2	1013.2	1015.2	1016.7
0200	1017.0	1016.2	1014.0	1012.3	1010.3	1008.2	1008.0	1008.0	1010.8	1013.7	1015.8	1017.5
0300	1017.3	1016.4	1014.1	1012.2	1010.2	1008.2	1008.0	1008.2	1010.7	1013.8	1015.9	1017.5
0400	1016.7	1015.9	1013.4	1011.5	1009.6	1007.8	1007.7	1007.9	1010.4	1013.2	1015.1	1016.9
0500	1015.5	1014.7	1012.3	1010.4	1008.7	1007.2	1007.3	1007.3	1009.5	1012.0	1013.9	1015.7
0600	1014.0	1013.1	1010.7	1008.9	1007.6	1006.4	1006.4	1006.5	1008.4	1010.8	1012.5	1014.2
0700	1012.5	1011.7	1009.1	1007.3	1006.1	1005.3	1005.4	1005.4	1007.2	1009.6	1011.3	1012.8
0800	1011.5	1010.3	1007.6	1005.9	1004.9	1004.4	1004.6	1004.4	1006.1	1008.7	1010.4	1012.0
0900	1010.9	1009.6	1006.8	1005.0	1004.1	1003.8	1003.9	1003.8	1005.6	1008.3	1010.1	1011.5
1000	1010.8	1009.4	1006.5	1004.7	1003.7	1003.7	1003.7	1003.7	1005.5	1008.4	1010.2	1011.7
1100	1011.1	1009.7	1006.7	1005.1	1004.3	1003.9	1004.0	1004.1	1006.0	1009.2	1010.8	1012.2
1200	1011.8	1010.3	1007.0	1006.2	1005.0	1004.6	1004.4	1004.8	1006.9	1009.5	1011.3	1012.9
1300	#####	1011.0	#####	1010.0	1007.1	#####	#####	#####	#####	#####	#####	1014.0
1400	#####	1012.0	#####	1010.0	1008.2	#####	#####	#####	#####	#####	#####	1015.0
1500	#####	#####	1007.0	#####	1009.3	#####	#####	#####	#####	#####	#####	#####
1600	#####	#####	1014.0	#####	1010.0	#####	#####	#####	#####	#####	#####	#####
1700	#####	#####	1014.0	#####	1010.0	#####	#####	#####	#####	#####	#####	#####
1800	#####	#####	#####	#####	1009.6	#####	#####	#####	#####	#####	#####	#####
1900	#####	#####	#####	#####	1009.4	#####	#####	#####	#####	#####	#####	#####
2000	#####	#####	#####	#####	1008.9	#####	#####	#####	#####	#####	#####	#####
2100	#####	#####	#####	#####	1009.2	#####	#####	#####	#####	#####	#####	#####
2200	1014.5	1013.6	1012.0	1008.4	1008.9	1007.0	1007.5	1007.3	1008.2	1012.3	1013.5	1014.5
2300	1015.2	1014.1	1012.5	1009.3	1009.4	1007.2	1007.7	1007.6	1008.4	1012.6	1013.8	1015.0
MEAN	1013.9	1012.9	1010.4	1008.6	1007.4	1006.1	1006.1	1006.1	1008.2	1011.1	1012.9	1014.4

AERONAUTICAL CLIMATOLOGY

AERODROME CLIMATOLOGICAL TABLE

WEATHER PHENOMENAS

AERODROME: Mae Hong Son Airport - VTCH

Annual

PERIOD OF RECORD: 2014 - 2023

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LATITUDE : 19° 18' 4" N , LONGITUDE : 97° 58' 29" E , ELEVATION ABOVE MSL : 283 m

		OCCURRENCE OF PHENOMENAS DURING 10 YEARS												
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ELEMENTS	DRIZZLE DAYS_DZ	1	0	0	1	3	14	9	15	6	0	0	0	49
	RAIN DAYS_RA	13	8	8	30	77	149	180	189	146	107	34	0	941
	SHOWER DAYS_SH	2	3	5	29	66	114	128	121	122	89	30	0	709
	THUNDER DAYS_TS	3	2	3	24	59	23	15	22	47	46	7	0	251
	THUNDERSTORM DAYS_TSRA	3	2	2	15	32	11	9	14	27	28	4	0	147
	*HAIL METARS_GR/GS	0	0	0	0	1	0	0	0	0	0	0	0	1
	FOG DAYS_FG	20	18	0	0	1	1	0	0	0	1	17	0	58
	MIST DAYS_BR	193	162	208	108	59	51	63	106	135	187	205	0	1477
	HAZE DAYS_HZ	1	68	239	175	5	0	0	0	0	1	0	0	489
	GALE DAYS (>=34KT)	0	0	0	0	0	0	0	0	0	0	0	0	0
	*HEAD WIND DAYS_15kts.	0	0	0	0	0	0	0	0	0	1	1	0	2
	*TAIL WIND DAYS_15kts.	0	0	0	0	0	0	0	0	0	0	0	0	0
	*R-CROSS WIND DAYS_35kts.	0	0	0	0	0	0	0	0	0	0	0	0	0
	*L-CROSS WIND DAYS_35kts.	0	0	0	0	0	0	0	0	0	0	0	0	0