

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

AERODROME : PHITSANULOK AIRPORT - VTPP

Annual

TOTAL NUMBER OF OBSERVATIONS : 1827

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

MODEL A

RWY(TDZ) : 32

PERIOD OF RECORD : 2020-2024

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
0	-	-	0.11	0.22	1.04	0.05	0.22	0.49	1.75	9.69
100	-	-	0.05	0.27	1.53	-	0.05	0.44	1.97	8.16
200	-	-	-	0.22	1.92	-	-	0.22	2.24	8.16
300	-	-	0.05	0.05	1.42	-	0.05	0.22	1.59	9.96
400	-	-	-	0.11	0.82	-	-	0.11	1.04	11.49
500	-	-	-	-	0.27	-	0.05	0.11	0.49	9.74
600	-	-	-	0.05	0.16	-	-	0.16	0.33	7.72
700	-	-	0.05	0.11	0.27	-	0.05	0.16	0.44	5.64
800	-	-	-	-	0.27	-	-	0.05	0.66	4.38
900	-	0.05	0.05	0.11	0.38	-	0.05	0.16	0.82	3.56
1000	-	-	0.05	0.05	0.33	-	-	0.16	0.77	2.85
1100	-	-	-	-	0.11	-	-	-	0.55	2.68
1200	-	-	0.05	0.05	0.27	-	-	0.16	0.66	2.74
1300	-	-	-	-	0.22	-	-	-	0.44	2.19
1400	-	-	0.05	0.11	0.22	-	-	0.16	0.38	1.15
1500	-	-	0.05	0.05	0.05	-	0.05	0.05	0.05	0.82
1600	-	-	-	-	-	-	-	-	0.05	0.05
1700	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	0.05
2200	0.05	0.05	0.11	0.16	0.38	0.05	0.11	0.16	0.44	1.92
2300	0.05	0.11	0.27	0.55	1.59	0.11	0.27	0.66	2.03	8.32
MEAN	0	0.01	0.04	0.09	0.47	0.01	0.04	0.14	0.7	4.22

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MODEL B

AERODROME : PHITSANULOK AIRPORT - VTPP

RWY(TDZ) : 32

Annual

PERIOD OF RECORD : 2020-2024

TOTAL NUMBER OF OBSERVATIONS : 1827

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 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
0	-	-	0.11	0.11	0.27	0.82	6.19	24.9
100	-	-	-	-	0.16	0.49	4	20.25
200	-	-	-	-	0.05	0.38	2.68	17.73
300	-	-	-	-	0.16	0.16	1.42	16.26
400	-	-	-	-	-	0.22	1.37	15
500	-	-	0.05	0.05	0.11	0.22	0.93	14.78
600	-	-	-	-	0.11	0.16	0.99	14.78
700	-	-	-	-	0.11	0.22	0.93	14.72
800	-	-	-	-	0.05	0.38	1.2	14.83
900	-	-	-	0.05	0.11	0.55	1.42	15.6
1000	-	-	-	-	0.16	0.49	1.48	16.86
1100	-	-	-	-	-	0.49	2.08	18.28
1200	-	-	-	-	0.16	0.49	1.75	19.92
1300	-	-	-	-	-	0.22	1.59	16.8
1400	-	-	-	-	0.11	0.22	0.93	7.83
1500	-	-	-	-	-	-	0.6	5.91
1600	-	-	-	-	-	0.05	0.05	0.27
1700	-	-	-	-	-	-	-	0.22
1800	-	-	-	-	-	-	-	0.05
1900	-	-	-	-	-	-	-	0.05
2000	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2200	-	-	0.05	0.05	0.05	0.11	1.15	8.65
2300	-	-	0.05	0.05	0.22	0.6	4.43	26.6
MEAN	0	0	0.01	0.01	0.08	0.26	1.47	12.1

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LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

MODEL A

RWY(TDZ) : 32

PERIOD OF RECORD : 2020-2024

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
0	-	-	0.11	0.22	1.04	0.05	0.22	0.49	1.75	9.69
100	-	-	0.05	0.27	1.53	-	0.05	0.44	1.97	8.16
200	-	-	-	0.22	1.92	-	-	0.22	2.24	8.16
300	-	-	0.05	0.05	1.42	-	0.05	0.22	1.59	9.96
400	-	-	-	0.11	0.82	-	-	0.11	1.04	11.49
500	-	-	-	-	0.27	-	0.05	0.11	0.49	9.74
600	-	-	-	0.05	0.16	-	-	0.16	0.33	7.72
700	-	-	0.05	0.11	0.27	-	0.05	0.16	0.44	5.64
800	-	-	-	-	0.27	-	-	0.05	0.66	4.38
900	-	0.05	0.05	0.11	0.38	-	0.05	0.16	0.82	3.56
1000	-	-	0.05	0.05	0.33	-	-	0.16	0.77	2.85
1100	-	-	-	-	0.11	-	-	-	0.55	2.68
1200	-	-	0.05	0.05	0.27	-	-	0.16	0.66	2.74
1300	-	-	-	-	0.22	-	-	-	0.44	2.19
1400	-	-	0.05	0.11	0.22	-	-	0.16	0.38	1.15
1500	-	-	0.05	0.05	0.05	-	0.05	0.05	0.05	0.82
1600	-	-	-	-	-	-	-	-	0.05	0.05
1700	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	0.05
2200	0.05	0.05	0.11	0.16	0.38	0.05	0.11	0.16	0.44	1.92
2300	0.05	0.11	0.27	0.55	1.59	0.11	0.27	0.66	2.03	8.32
MEAN	0	0.01	0.04	0.09	0.47	0.01	0.04	0.14	0.7	4.22

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AERODROME : PHITSANULOK AIRPORT - VTPP

Annual

TOTAL NUMBER OF OBSERVATIONS : 28762

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

MODEL D

RWY(TDZ) : 32

PERIOD OF RECORD : 2020-2024

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	6.81	-	-	-	-	-	-	-	-	-	-	-	6.81
VARIABLE	-	26.65	0.14	0.01	0.01	-	-	-	-	-	-	-	26.81
[35-36-01]	-	2.8	0.07	0.01	0	0	-	-	-	-	-	-	2.88
[02-03-04]	-	0.84	0.02	0.01	-	-	-	-	-	-	-	-	0.87
[05-06-07]	-	2.02	0.08	0.01	0	0	-	-	-	-	-	-	2.11
[08-09-10]	-	3.33	0.11	0.01	0	0	-	-	-	-	-	-	3.45
[11-12-13]	-	6.57	1.2	0.03	0.01	0	0.01	0	-	-	-	-	7.82
[14-15-16]	-	9.38	6.4	0.25	0.01	0	-	-	-	-	-	-	16.04
[17-18-19]	-	6.74	3.15	0.08	0	0.02	-	-	-	-	-	-	9.99
[20-21-22]	-	4.03	1.26	0.03	0.02	0.01	-	-	-	-	-	-	5.35
[23-24-25]	-	2.79	0.84	0.05	0.02	0	-	-	-	-	-	-	3.7
[26-27-28]	-	5.07	1.79	0.08	0.02	0	-	-	-	-	-	-	6.96
[29-30-31]	-	2.78	0.91	0.05	0.01	0	-	-	-	-	-	-	3.75
[32-33-34]	-	3.25	0.17	0.01	0.01	-	0	-	-	-	-	-	3.44
MEAN	6.81	5.87	1.24	0.05	0.01	0	0	0	-	-	-	-	

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MODEL E

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RWY(TDZ) : 32

Annual

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TOTAL NUMBER OF OBSERVATIONS : 1827

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 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
0	-	0.44	8.43	25.45	63.88	1.2	-	-	-
100	-	-	1.92	19.87	68.31	9.58	-	-	-
200	-	-	0.16	9.03	60.86	29.28	-	-	-
300	-	-	-	2.79	46.69	49.7	0.38	-	-
400	-	-	-	0.77	28.19	67.32	3.23	-	-
500	-	-	-	0.27	17.62	72.8	8.54	-	-
600	-	-	-	0.38	12.97	70.94	15.11	-	-
700	-	-	-	0.44	10.84	68.31	20.25	-	-
800	-	-	-	0.33	11.88	64.09	23.15	0.27	-
900	-	-	-	0.6	13.79	61.47	23.26	0.66	-
1000	-	-	-	0.77	20.03	59.61	19.1	0.27	-
1100	-	-	-	1.75	38.37	47.02	11.55	-	-
1200	-	-	0.22	7.44	55.23	34.59	2.08	-	-
1300	-	-	1.15	11.49	49.43	20.8	0.33	-	-
1400	-	-	0.49	6.24	19.21	6.24	0.05	-	-
1500	-	-	0.55	5.97	17.9	4.16	-	-	-
1600	-	-	-	0.44	0.49	0.11	-	-	-
1700	-	-	-	0.22	0.22	0.05	-	-	-
1800	-	-	-	0.11	0.16	-	-	-	-
1900	-	-	-	0.05	0.11	-	-	-	-
2000	-	-	0.05	-	0.05	-	-	-	-
2100	-	-	-	-	0.16	-	-	-	-
2200	-	0.16	2.96	12.42	19.7	0.05	-	-	-
2300	-	0.33	8.59	28.74	61.36	0.11	-	-	-
MEAN	0	0.04	1.02	5.65	25.73	27.81	5.29	0.05	0

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PERIOD OF RECORD:2020-2024

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

	MONTHLY MEAN												
ELEMENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Daily Minimum Temperture (oC)	18	19.9	24.1	25.7	26.1	25.8	25.7	25.4	25.1	24.5	22.7	18.9	23.5
Daily Mean Temperture (oC)	26	27.3	30.7	31.9	31.6	30.5	29.9	29.5	28.8	28.3	28.3	26	29.1
Daily Maximum Temperture (oC)	31.2	32.3	35.4	36.4	35.7	33.9	33.2	32.7	32.1	31.9	32.4	30.8	33.2
Daily Minimum Pressure (hPa)	1010	991.5	1006.1	1004.7	1003.5	1003.2	1002.9	1003.5	1003.8	1007	1009.1	1010.6	1004.7
Daily Mean Pressure (hPa)	1012.6	994.4	1009.3	1007.9	1006.4	1005.8	1005.3	1005.9	1006.6	1009.5	1011.6	1013.1	1007.4
Daily Maximum Pressure (hPa)	1015.7	997.8	1012.8	1011.2	1009.2	1008	1007.6	1008.1	1009.3	1012.1	1014.3	1015.9	1010.2
	EXTREMES												
Daily Minimum Temperture (oC)	12	17	19	21	23	24	24	24	23	21	18	13	12
Daily Maximum Temperture (oC)	34	36	39	40	41	38	37	37	36	35	35	35	41
Daily Minimum Pressure (hPa)	1006	1003	1000	999	998	999	999	997	997	1000	1005	1006	997
Daily Maximum Pressure (hPa)	1022	1023	1020	1018	1014	1012	1011	1013	1013	1016	1020	1023	1023
Daily Maximum Wind speed (kt)	10	13	20	30	31	25	18	28	25	30	19	10	31
With wind direction (36 DIR.)	150	290	340	120	110	240	260	330	190	110	260	290	110
Daily Maximum Peak gust (kt)	-	-	20	30	31	25	16	28	25	30	19	-	31
With wind direction (36 DIR.)	///	///	340	120	110	240	10	330	190	110	260	///	110
Daily Maximum cross wind speed (kt)	7.5	8.5	11.3	21.7	19.7	24.6	15.6	21.6	19.2	15	16.5	6.9	24.6

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	AVERAGE SEVERE WIND SPEED (kt) DURING 5 YEARS													
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ELEMENTS	HEAD WIND	2.9	2.4	1.3	1.7	3	2.6	2.6	2.6	3.3	3.8	3.7	3.8	2.8
	TAIL WIND	3.2	4.8	7.3	7.4	6.9	6	5.6	5.9	4.7	2.8	1.8	1.8	4.9
	R-CROSS WIND	1.9	1.9	1.8	2.2	2.3	1.5	1.8	1.8	2.2	2.2	2.2	2.2	2
	L-CROSS WIND	4.7	4.9	5.1	4.8	5.6	6	5	4.8	4.3	3.5	3.4	3.9	4.7
	HW/TW	4.6	5.8	7.5	7.7	7.5	6.7	6.2	6.7	5.7	4.8	4.2	4.2	6
	R/L-CROSS WIND	4.7	5	5.3	5.3	5.9	6.1	5.2	4.9	4.6	4.1	4	4.2	4.9
	HW/TW/R/L-CROSS WIND	5.4	6.5	7.7	8.2	8.3	7.7	6.8	7.4	6.2	5.2	4.7	4.7	6.6

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PERIOD OF RECORD:2020-2024

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

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0	40	130	140	140	140	140	140	140	140	330	340	350	140
100	330	140	140	140	140	140	140	140	130	360	340	320	140
200	130	140	150	150	140	150	150	150	130	360	350	340	150
300	90	150	160	170	150	150	150	150	140	350	60	350	150
400	160	170	170	170	160	160	170	150	160	140	330	110	160
500	180	170	180	180	170	170	160	140	140	350	270	280	170
600	170	180	170	180	170	150	180	150	150	290	280	250	180
700	210	170	180	190	250	170	190	170	310	290	280	270	170
800	270	200	210	190	180	160	140	160	280	290	280	260	270
900	260	170	190	170	170	210	140	140	280	280	270	270	270
1000	270	190	190	160	160	180	160	140	130	280	280	280	280
1100	280	150	170	160	140	160	130	150	150	140	280	280	280
1200	320	130	130	140	130	160	130	160	120	360	360	320	130
1300	320	90	130	170	140	170	150	150	140	360	360	320	140
1400	50	70	140	170	210	250	260	190	120	80	80	50	80
1500	90	80	80	120	140	260	220	170	160	350	80	80	80
1600	140	80	270	130	-	-	-	-	-	90	-	80	80
1700	270	-	180	140	-	-	-	-	-	-	-	90	270
1800	-	130	-	150	-	-	-	-	-	-	10	-	130
1900	-	80	-	130	-	-	-	-	-	-	-	-	80
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	140	-	-	300	-	-	-	-	-	-	-	140
2200	70	130	130	140	140	150	140	140	140	340	360	360	140
2300	80	130	140	150	140	140	140	140	140	340	360	360	140

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AVERAGE WIND SPEED (kt) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0	1.32	1.84	3.45	3.29	3.06	2.91	2.78	2.72	1.89	1.52	1.31	1.42	2.29
100	1.3	2.25	4.5	4.87	4.46	4.36	3.7	3.84	2.62	2	1.71	1.75	3.11
200	2.53	3.8	6.34	6.36	5	5.08	4.39	4.57	3.53	2.42	2.34	2.49	4.07
300	3.23	4.65	6.7	5.71	4.62	4.94	4.52	4.69	3.62	2.65	2.52	2.87	4.23
400	3.55	4.64	5.86	4.75	4.43	4.7	4.46	4.59	3.8	2.97	2.68	2.85	4.11
500	3.97	4.71	5.3	4.58	4.55	4.49	4.52	4.62	3.95	3.23	2.97	3.11	4.17
600	4.45	5.01	5.02	4.76	4.75	4.45	4.58	4.72	4.01	3.66	3.3	3.71	4.37
700	4.78	5.19	5.21	4.84	4.81	4.69	4.56	4.78	4.19	4.03	3.79	4.05	4.58
800	4.81	5.27	4.97	4.57	4.72	4.83	4.59	4.48	4	3.99	3.79	4.14	4.51
900	4.57	5.04	4.68	4.38	4.68	4.76	4.58	4.61	3.51	3.87	3.95	4.46	4.42
1000	4.02	4.23	4.12	4.2	4.66	4.68	4.42	4.29	3.4	3.24	3.41	4.19	4.07
1100	2.07	2.75	3.01	3.61	4.27	4.31	4.04	3.94	2.99	2.14	2.04	2.28	3.12
1200	1.07	1.52	2.05	3.17	3.59	3.54	3.35	2.91	2.65	1.57	1.36	1.12	2.33
1300	0.83	1.37	1.84	3.09	3.19	3.36	3.31	2.61	2.67	1.48	1.15	0.89	2.15
1400	1.11	1.22	1.59	2.81	3.32	3.84	3.39	3.86	2.44	1.37	1.37	0.8	2.26
1500	1.07	1.46	2	3.1	3.03	3.83	3.18	3.22	2.02	1.62	1.32	1.5	2.28
1600	1.4	1.33	1.75	3	-	-	-	-	-	1.5	0.5	1	1.5
1700	3.5	2	4	3	-	-	-	-	-	-	1	2	2.58
1800	-	1	-	3	-	-	-	-	-	-	1.5	-	1.83
1900	-	2	-	4	-	-	-	-	-	-	-	-	3
2000	-	1	-	-	-	-	-	-	-	-	-	-	1
2100	-	3	-	-	3	-	-	-	-	-	-	-	3
2200	1.18	1.98	3.25	3.39	2.48	2.35	2.58	2.16	1.9	1.25	1.1	1.18	2.07
2300	1.31	2.14	3.46	3.2	2.59	2.51	2.44	2.37	1.95	1.47	1.26	1.33	2.17
ALL	2.6	2.89	3.96	3.99	3.96	4.09	3.86	3.83	3.06	2.42	2.11	2.36	3.26

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : PHITSANULOK AIRPORT - VTPP

PERIOD OF RECORD:2020-2024

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 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	4	4	6	7	12	3	3	4	5	5	5	6
10	4	5	3	5	3	4	16	4	4	6	6	5
20	6	4	1	7	8	1	7	5	6	3	4	4
30	2	3	3	5	4	3	5	3	4	4	4	3
40	3	4	2	15	5	3	4	4	4	5	3	3
50	4	4	5	4	6	4	4	3	4	4	4	5
60	5	6	7	8	7	4	3	4	4	4	6	5
70	6	5	11	21	9	6	4	4	4	6	5	6
80	6	5	11	8	5	4	4	4	5	5	5	6
90	6	5	5	8	16	3	6	4	6	5	8	6
100	4	8	3	6	8	4	7	4	21	5	5	5
110	7	7	6	14	31	7	6	6	8	30	5	5
120	5	7	8	30	15	7	9	9	12	9	8	4
130	6	9	9	12	20	10	9	11	10	8	6	4
140	9	11	13	17	12	10	10	20	10	11	8	5
150	10	11	13	11	22	20	10	12	12	11	6	4
160	9	12	13	11	16	10	10	12	13	7	8	6
170	8	11	14	19	10	10	10	10	11	9	6	5
180	9	10	12	10	25	21	11	10	8	7	6	6
190	8	8	8	22	8	12	10	12	25	7	6	7
200	8	9	8	25	11	13	11	17	7	7	5	5
210	7	9	8	8	18	24	11	23	14	6	6	6
220	6	8	7	8	17	17	8	8	7	6	7	5
230	7	7	7	6	19	13	9	9	8	8	5	6
240	7	8	7	9	20	25	15	9	19	8	6	7
250	8	8	12	7	8	14	13	20	11	7	7	7
260	8	8	6	9	9	15	18	16	8	8	19	8
270	8	8	7	10	11	11	14	22	7	9	7	7
280	8	10	6	7	13	19	15	12	16	8	8	8
290	8	13	6	6	9	16	12	17	11	10	8	10
300	8	13	7	8	8	12	9	12	14	9	13	10
310	7	11	6	8	23	7	7	8	7	6	6	7
320	8	7	4	7	11	8	6	6	8	7	6	8
330	6	10	4	6	6	20	5	28	6	5	5	6
340	6	5	20	5	8	5	6	5	6	11	7	7
350	5	5	6	7	25	9	9	6	11	5	4	5
MAX.SPEED	10	13	20	30	31	25	18	28	25	30	19	10
DIR.	150	290	340	120	110	240	260	330	190	110	260	290

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : PHITSANULOK AIRPORT - VTPP

PERIOD OF RECORD:2020-2024

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 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
	<15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	>60	
360	-	-	-	-	-	-	-	-	-	-	-	0
10	-	2.78	-	-	-	-	-	-	-	-	-	2.78
20	-	-	-	-	-	-	-	-	-	-	-	0
30	-	-	-	-	-	-	-	-	-	-	-	0
40	2.78	-	-	-	-	-	-	-	-	-	-	2.78
50	-	-	-	-	-	-	-	-	-	-	-	0
60	-	-	-	-	-	-	-	-	-	-	-	0
70	-	-	2.78	-	-	-	-	-	-	-	-	2.78
80	-	-	-	-	-	-	-	-	-	-	-	0
90	2.78	2.78	-	-	-	-	-	-	-	-	-	5.56
100	-	-	2.78	-	-	-	-	-	-	-	-	2.78
110	-	-	-	2.78	2.78	-	-	-	-	-	-	5.56
120	-	-	-	2.78	-	-	-	-	-	-	-	2.78
130	-	2.78	-	-	-	-	-	-	-	-	-	2.78
140	-	2.78	-	-	-	-	-	-	-	-	-	2.78
150	-	2.78	2.78	-	-	-	-	-	-	-	-	5.56
160	-	-	-	-	-	-	-	-	-	-	-	0
170	-	2.78	-	-	-	-	-	-	-	-	-	2.78
180	-	-	5.56	-	-	-	-	-	-	-	-	5.56
190	-	-	5.56	-	-	-	-	-	-	-	-	5.56
200	-	-	2.78	-	-	-	-	-	-	-	-	2.78
210	-	2.78	5.56	-	-	-	-	-	-	-	-	8.34
220	-	-	-	-	-	-	-	-	-	-	-	0
230	-	2.78	-	-	-	-	-	-	-	-	-	2.78
240	-	2.78	-	-	-	-	-	-	-	-	-	2.78
250	-	2.78	-	-	-	-	-	-	-	-	-	2.78
260	-	2.78	-	-	-	-	-	-	-	-	-	2.78
270	2.78	-	2.78	-	-	-	-	-	-	-	-	5.56
280	-	5.56	-	-	-	-	-	-	-	-	-	5.56
290	-	2.78	-	-	-	-	-	-	-	-	-	2.78
300	-	-	-	-	-	-	-	-	-	-	-	0
310	-	-	2.78	-	-	-	-	-	-	-	-	2.78
320	-	-	-	-	-	-	-	-	-	-	-	0
330	-	2.78	-	2.78	-	-	-	-	-	-	-	5.56
340	-	2.78	-	-	-	-	-	-	-	-	-	2.78
350	-	-	2.78	-	-	-	-	-	-	-	-	2.78
TOTAL	8.34	44.48	36.14	8.34	2.78	0	0	0	0	0	0	100

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : PHITSANULOK AIRPORT - VTPP

PERIOD OF RECORD:2020-2024

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

AIR PRESSURE (hPa) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0	1013.5	1012.8	1010.7	1009.4	1007.8	1007	1006.3	1006.8	1007.4	1010.4	1012.6	1014.1	1009.9
100	1014.4	1013.6	1011.6	1010.3	1008.5	1007.4	1006.8	1007.5	1008.3	1011.1	1013.3	1015	1010.7
200	1015.3	1014.4	1012.3	1010.9	1008.9	1007.8	1007.2	1007.9	1008.7	1011.7	1014	1015.7	1011.2
300	1015.6	1014.8	1012.5	1010.9	1008.9	1007.9	1007.2	1008	1008.7	1011.8	1014	1015.8	1011.3
400	1015	1014.4	1012	1010.4	1008.5	1007.5	1006.9	1007.7	1008.5	1011.2	1013.4	1015.4	1010.9
500	1014	1013.4	1011.1	1009.5	1007.7	1006.9	1006.4	1007.2	1007.7	1010.2	1012.3	1014.2	1010.1
600	1012.7	1012.2	1009.8	1008.2	1006.7	1006.1	1005.5	1006.3	1006.6	1009.1	1011.1	1012.9	1008.9
700	1011.4	1010.9	1008.4	1006.8	1005.4	1005.1	1004.7	1005.3	1005.4	1008.1	1010	1011.7	1007.8
800	1010.6	1009.9	1007.2	1005.8	1004.5	1004.3	1003.8	1004.5	1004.5	1007.3	1009.4	1011	1006.9
900	1010.2	1009.3	1006.5	1005	1003.8	1003.5	1003.2	1003.9	1004.1	1007.1	1009.2	1010.7	1006.4
1000	1010.4	1009.3	1006.3	1004.8	1003.6	1003.3	1003	1003.7	1004.1	1007.3	1009.5	1010.9	1006.4
1100	1010.7	1009.6	1006.6	1005.1	1004.1	1003.6	1003.2	1004	1004.6	1007.8	1010	1011.4	1006.7
1200	1011.3	1010	1007	1005.7	1004.8	1004.2	1004	1004.7	1005.3	1008.5	1010.7	1012.1	1007.4
1300	1011.8	1010.5	1007.6	1007	1005.8	1005.2	1004.8	1005.3	1006.4	1009.5	1011.5	1012.7	1008.2
1400	1012.7	1011.9	1009.2	1006.1	1006.7	1005.6	1005.9	1006.2	1007.4	1011.5	1012.3	1012.7	1009
1500	1013.2	1012.3	1010.1	1006.9	1007.1	1006.2	1006.8	1007.1	1008	1011.8	1012.5	1013	1009.6
1600	1013.8	1014	1010	1008.5	-	-	-	-	-	1010.5	1012.5	1011	1011.5
1700	1015.5	1012.5	1012	1008	-	-	-	-	-	-	1012.5	1011	1011.9
1800	-	1012.5	-	1007	-	-	-	-	-	-	1012.5	-	1010.7
1900	-	1011.5	-	1007	-	-	-	-	-	-	-	-	1009.3
2000	-	1014	-	-	1006	-	-	-	-	-	-	-	1010
2100	-	1009	-	-	1006	-	-	-	1005	-	-	-	1006.7
2200	1012.8	1011.7	1009.8	1006.9	1006.5	1005.7	1005.9	1005.8	1006.7	1010.2	1011.3	1012.7	1008.8
2300	1012.7	1012	1009.6	1008.5	1007.1	1006.3	1005.7	1006.3	1006.8	1009.8	1011.8	1013.4	1009.2
MEAN	1012.9	1011.9	1009.5	1007.7	1006.4	1005.8	1005.4	1006	1006.5	1009.7	1011.7	1012.9	1008.9

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : PHITSANULOK AIRPORT - VTPP

PERIOD OF RECORD:2020-2024

LATITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

AIR TEMPERATURE (°C) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0	19.6	21.6	25.2	26.9	27.6	27	26.6	26.2	25.9	25.4	23.8	20.3	24.7
100	21.9	23.9	27.1	28.7	29.1	28.3	27.7	27.3	27	26.8	25.9	22.9	26.4
200	24.5	26.2	29	30.2	30.4	29.5	28.8	28.4	28.1	28.2	27.7	25	28
300	26.6	28.1	30.4	31.5	31.5	30.5	29.9	29.4	29.1	29.4	29.3	26.9	29.4
400	28.3	29.4	31.7	32.8	32.6	31.4	30.8	30.3	30	30.2	30.5	28.3	30.5
500	29.5	30.7	32.8	33.8	33.6	32.1	31.6	31	30.7	30.8	31.2	29.4	31.4
600	30.2	31.7	33.8	34.8	34.3	32.9	32.2	31.6	31.1	31	31.7	30	32.1
700	30.8	32.3	34.6	35.5	34.8	33.3	32.5	31.9	31.4	31	31.9	30.4	32.5
800	31	32.6	35	35.9	35.1	33.3	32.5	32.1	31.5	30.8	31.8	30.6	32.7
900	30.9	32.7	35.2	35.9	35	33.2	32.3	31.9	31.1	30.2	31.5	30.4	32.5
1000	30.4	32.3	34.8	35.4	34.1	32.7	31.5	31.5	30.4	29.6	30.7	29.5	31.9
1100	28.2	30.6	33.6	34	32.7	31.8	30.6	30.3	29.3	28.3	28.6	27.2	30.4
1200	25	27.4	31	31.8	31	30.2	29.4	29.1	27.9	27.2	27	24.9	28.5
1300	23.5	25.4	29.5	30.1	30	29.2	28.7	28.3	27.2	26.5	26.2	23.3	27.3
1400	22.7	24.9	28.4	31	30.3	29.1	28.5	28.5	26.7	26.2	25.9	23	27.1
1500	22.3	24.6	27.6	30.1	29.8	28.7	28.2	27.9	26.5	26.1	25.5	22.9	26.7
1600	23.6	23.7	28.3	29	-	-	-	-	-	26	25.5	24	25.7
1700	25.5	23.5	27	30	-	-	-	-	-	-	25	24	25.8
1800	-	23	-	29	-	-	-	-	-	-	25	-	25.7
1900	-	22.5	-	28	-	-	-	-	-	-	-	-	25.3
2000	-	19	-	-	26	-	-	-	-	-	-	-	22.5
2100	-	25	-	-	26	-	-	-	26	-	-	-	25.7
2200	20.4	22.9	24.7	26.9	26.7	26.4	26.6	26.1	25.4	24.8	23.6	21.1	24.6
2300	19.6	21.8	25.2	26.2	26.4	25.9	25.9	25.6	25.4	24.8	23.2	20.2	24.2
MEAN	25.7	26.5	30.2	31.3	30.9	30.3	29.7	29.3	28.5	28.1	27.7	25.7	28.7

AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : PHITSANULOK AIRPORT - VTPP RWY(TDZ): 32

PERIOD OF RECORD:2020-2024

LATTITUDE: 16 46' 56.1" N, LONGITUDE: 100 16' 58.0" E, ELEVATION ABOVE MSL: 45 M

	OCCURRENCE OF PHENOMENAS DURING 5 YEARS													
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ELEMENTS	DRIZZLE DAYS	-	4	1	4	5	12	13	19	22	14	2	2	98
	RAIN DAYS	5	6	3	14	24	33	49	50	68	50	12	1	315
	SHOWER DAYS	-	-	-	-	-	-	-	-	1	5	-	-	6
	THUNDER DAYS	-	-	-	1	3	-	1	2	3	2	2	-	14
	THUNDERSTORM DAYS	-	1	-	10	11	10	19	16	30	20	3	1	121
	HAIL DAYS	-	-	-	-	-	-	-	-	-	-	-	-	0
	FOG DAYS	6	-	-	-	-	-	-	-	1	1	-	1	9
	MIST DAYS	53	70	54	40	1	-	6	3	10	15	9	15	276
	HAZE DAYS	26	37	47	52	3	-	-	-	-	-	3	-	168
	SMOKE DAYS	2	3	8	11	-	-	-	2	-	-	3	1	30
	GALE DAYS (≥ 34 KT)	-	-	-	-	-	-	-	-	-	-	-	-	0
	HEAD WIND DAYS (≥ 10 KT)	-	1	-	-	3	4	2	4	1	1	1	-	17
	TAIL WIND DAYS (≥ 10 KT)	-	7	16	20	20	4	2	9	7	3	-	-	88
	R-CROSS WIND DAYS (≥ 10 KT)	-	-	1	3	2	-	-	-	1	2	-	-	9
	L-CROSS WIND DAYS (≥ 10 KT)	-	-	1	-	9	15	5	5	3	-	-	-	38