

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL A

AERODROME : SUKHOTHAI AIRPORT-VTPO

RWY(TDZ) : 36

Annual

PERIOD OF RECORD : 2018-2024

TOTAL NUMBER OF OBSERVATIONS : 2557

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	-	-	-	0.16	0.16	0.16	0.27	1.17	8.99	27.61
0100	-	-	0.08	0.23	0.23	0.08	0.16	0.74	7.78	21.98
0200	-	-	-	0.16	0.16	0.04	0.08	0.31	7.51	17.95
0300	-	-	-	0.23	0.23	-	-	0.16	7.04	14.27
0400	-	-	-	0.23	0.23	-	-	0.04	6.53	11.65
0500	-	-	-	0.08	0.08	-	-	-	6.18	10.91
0600	-	-	-	0.04	0.04	-	-	0.04	5.98	10.01
0700	-	-	-	0.04	0.04	-	-	-	4.61	8.33
0800	-	-	-	-	-	-	-	-	3.64	7.04
0900	-	-	-	-	-	-	-	0.16	3.01	7.20
1000	-	-	-	-	-	-	-	0.20	2.70	6.65
1100	-	-	-	-	-	-	-	0.16	1.17	2.11
1200	-	-	-	-	-	-	-	-	0.20	0.59
1300	-	-	-	-	-	-	-	-	0.16	0.35
1400	-	-	-	-	-	-	-	-	0.04	0.12
1500	-	-	-	-	-	-	-	-	-	0.04
1600	-	-	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-
2200	-	-	-	-	-	-	-	-	0.59	1.49
2300	-	-	-	0.04	0.04	0.08	0.16	0.55	12.16	31.17
MEAN	0.00	0.00	0.00	0.05	0.05	0.02	0.03	0.15	3.26	7.48

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL B

AERODROME : SUKHOTHAI AIRPORT-VTPO

RWY(TDZ) : 36

Annual

PERIOD OF RECORD : 2018-2024

TOTAL NUMBER OF OBSERVATIONS : 2557

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	0.04	0.16	0.23	0.27	1.17	5.55	24.17	43.76
0100	0.08	0.08	0.08	0.12	0.70	4.50	18.69	38.99
0200	-	0.04	0.04	0.08	0.31	3.32	13.77	33.95
0300	-	-	-	-	0.16	2.03	9.27	28.78
0400	-	-	-	-	0.04	1.17	6.30	23.66
0500	-	-	-	-	-	0.94	5.67	21.12
0600	-	-	-	-	0.04	0.39	4.42	19.52
0700	-	-	-	-	-	0.20	3.91	17.60
0800	-	-	-	-	-	0.39	3.79	16.43
0900	-	-	-	-	0.16	0.55	4.73	16.97
1000	-	-	-	-	0.20	0.59	4.54	16.27
1100	-	-	-	-	0.16	0.27	1.21	4.42
1200	-	-	-	-	-	0.04	0.43	1.10
1300	-	-	-	-	-	-	0.20	0.86
1400	-	-	-	-	-	-	0.08	0.23
1500	-	-	-	-	-	-	0.04	0.08
1600	-	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-
2200	-	-	-	-	-	-	0.90	8.33
2300	-	0.04	0.16	0.16	0.55	8.10	27.10	48.89
MEAN	0.01	0.01	0.02	0.03	0.15	1.17	5.38	14.21

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL C

AERODROME : SUKHOTHAI AIRPORT-VTPO

RWY(TDZ) : 36

Annual

PERIOD OF RECORD : 2018-2024

TOTAL NUMBER OF OBSERVATIONS : 2557

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	-	-	0.04	0.20	0.70	11.22	5.98
0100	-	0.04	0.08	0.43	1.21	11.22	6.02
0200	-	-	-	0.43	1.25	10.83	5.83
0300	-	-	-	0.27	1.02	10.29	5.24
0400	-	-	-	0.27	1.06	9.89	5.04
0500	-	-	-	0.12	1.21	9.39	4.54
0600	-	-	-	0.04	0.66	9.58	4.07
0700	-	-	-	0.04	0.31	8.49	3.68
0800	-	-	-	-	0.31	8.06	3.72
0900	-	-	-	-	0.20	7.63	3.99
1000	-	-	-	-	0.23	7.51	4.15
1100	-	-	-	-	0.16	3.44	2.78
1200	-	-	-	-	-	0.63	0.35
1300	-	-	-	-	-	0.31	0.12
1400	-	-	-	-	-	0.08	-
1500	-	-	-	-	-	-	0.04
1600	-	-	-	-	-	-	-
1700	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-
2200	-	-	-	-	0.35	2.31	1.72
2300	-	-	-	0.04	0.51	11.97	4.46
MEAN	0.00	0.00	0.01	0.08	0.38	5.12	2.57

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL D

AERODROME : SUKHOTHAI AIRPORT-VTPO

RWY(TDZ) : 36

Annual

PERIOD OF RECORD : 2018-2024

TOTAL NUMBER OF OBSERVATIONS : 32567

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	1.47	-	-	-	-	-	-	-	-	-	-	-	1.47
VARIBLE	-	36.24	0.01	0.00	-	-	-	-	-	-	-	-	36.25
[35-36-01]	-	1.64	0.14	0.01	0.00	-	-	-	-	-	-	-	1.79
[02-03-04]	-	1.95	0.10	0.00	-	-	-	-	-	-	-	-	2.05
[05-06-07]	-	2.92	0.11	-	0.01	-	-	-	-	-	-	-	3.04
[08-09-10]	-	2.28	0.14	0.01	0.00	0.01	-	-	-	-	-	-	2.44
[11-12-13]	-	4.30	0.59	0.00	-	0.00	-	-	-	-	-	-	4.89
[14-15-16]	-	10.54	1.95	0.02	0.00	-	-	0.00	-	-	-	-	12.51
[17-18-19]	-	7.23	1.58	0.04	0.00	-	-	-	-	-	-	-	8.85
[20-21-22]	-	5.17	2.50	0.30	0.01	0.01	-	-	-	-	-	-	7.99
[23-24-25]	-	4.54	2.40	0.52	0.03	0.01	-	-	-	-	-	-	7.50
[26-27-28]	-	3.64	0.37	0.03	0.00	0.01	-	-	-	-	-	-	4.05
[29-30-31]	-	3.47	0.30	0.02	0.00	-	0.00	-	-	-	-	-	3.79
[32-33-34]	-	2.72	0.60	0.02	0.00	-	0.00	-	-	-	-	-	3.34
MEAN	1.47	6.67	0.83	0.07	0.01	0.00	0.00	0.00	0.00	-	-	-	

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGICAL SUMMARY - TABULAR FORM

MODEL E

AERODROME : SUKHOTHAI AIRPORT-VTPO

RWY(TDZ) : 36

Annual

PERIOD OF RECORD : 2018-2024

TOTAL NUMBER OF OBSERVATIONS : 2557

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	-	0.27	7.59	32.19	58.31	0.86	-	-	-
0100	-	0.12	6.02	26.63	62.34	4.30	0.04	-	-
0200	-	-	1.96	20.96	62.06	14.39	-	-	-
0300	-	-	0.23	9.97	54.09	32.19	0.94	-	-
0400	-	-	0.04	2.82	41.61	47.75	4.07	-	-
0500	-	-	-	0.94	26.32	60.81	8.80	0.04	-
0600	-	-	-	0.35	17.40	67.03	13.84	0.43	-
0700	-	-	-	0.35	13.06	65.00	19.67	1.41	-
0800	-	-	-	0.43	11.93	61.24	23.50	2.50	-
0900	-	-	-	0.39	12.51	59.09	25.11	2.46	-
1000	-	-	-	0.55	17.09	58.82	21.59	1.53	-
1100	-	-	0.04	0.35	11.97	24.25	6.14	0.16	-
1200	-	-	-	0.12	2.58	4.03	0.16	-	-
1300	-	-	-	0.20	2.31	1.49	-	-	-
1400	-	-	-	0.20	0.59	0.16	-	-	-
1500	-	-	-	0.16	0.31	-	-	-	-
1600	-	-	-	-	0.12	-	-	-	-
1700	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-
2200	-	-	1.92	10.25	20.57	0.59	-	-	-
2300	-	0.16	7.00	34.65	56.43	0.74	0.04	-	-
MEAN	0.00	0.02	1.03	5.90	19.65	20.95	5.16	0.36	0.00

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO RWY(TDZ): 36

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

ELEMENTS	MONTHLY MEAN												ANN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Daily Minimum Temperture (oC)	19.5	19.6	23.4	25.5	26.1	25.8	25.7	25.2	25.1	24.7	23.0	20.0	23.6
Daily Mean Temperture (oC)	26.0	26.6	30.5	32.3	31.8	30.3	29.9	29.1	29.0	29.0	28.4	26.2	29.1
Daily Maximum Temperture (oC)	31.0	31.9	35.9	37.1	36.0	33.8	33.3	32.3	32.4	32.4	32.5	30.7	33.3
Daily Minimum Pressure (hPa)	1009.8	974.0	1005.8	1004.2	1003.2	1002.8	1002.5	1002.7	1004.2	1007.1	1009.1	1010.6	1003.0
Daily Mean Pressure (hPa)	1012.6	977.0	1009.4	1008.0	1006.5	1005.6	1005.1	1005.4	1007.0	1009.9	1011.7	1013.4	1006.0
Daily Maximum Pressure (hPa)	1015.4	979.8	1012.3	1011.0	1009.0	1007.6	1007.0	1007.5	1009.4	1012.4	1014.4	1016.0	1008.5
ELEMENTS	EXTREMES												ANN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Daily Minimum Temperture (oC)	14.0	16.0	18.0	21.0	23.0	24.0	21.0	23.0	23.0	21.0	19.0	13.0	13.0
Daily Maximum Temperture (oC)	36.0	38.0	39.0	42.0	42.0	38.0	38.0	38.0	36.0	39.0	35.0	34.0	42.0
Daily Minimum Pressure (hPa)	1005.0	1002.0	999.0	998.0	998.0	998.0	999.0	996.0	998.0	1000.0	1001.0	1002.0	996.0
Daily Maximum Pressure (hPa)	1022.0	1023.0	1020.0	1019.0	1014.0	1011.0	1011.0	1013.0	1017.0	1017.0	1020.0	1023.0	1023.0
Daily Maximum Wind speed (kt)	13	15	21	20	34	25	25	22	30	19	10	8	34
With wind direction (36 DIR.)	240	310	120	210	140	200	240	230	290	080	340	330	140
Daily Maximum Peak gust (kt)	-	-	21	20	34	25	25	22	30	19	-	-	34
With wind direction (36 DIR.)	///	///	120	210	140	200	240	230	290	080	///	///	140
Daily Maximum cross wind speed (kt)	11.3	11.5	18.2	13.8	22.0	24.0	21.7	16.9	28.2	18.7	7.8	7.9	28.2

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

AIR PRESSURE (hPa) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	1013.3	1012.6	1010.3	1009.1	1007.7	1006.6	1005.8	1005.9	1007.7	1010.8	1012.6	1014.1	1009.7
0100	1014.1	1013.5	1011.3	1010.1	1008.3	1007.0	1006.3	1006.6	1008.5	1011.6	1013.5	1015.0	1010.5
0200	1014.9	1014.2	1012.0	1010.7	1008.7	1007.4	1006.7	1007.0	1009.0	1012.1	1014.1	1015.8	1011.1
0300	1015.6	1014.7	1012.2	1010.7	1008.8	1007.5	1006.7	1007.2	1009.2	1012.3	1014.3	1015.9	1011.3
0400	1015.1	1014.2	1011.8	1010.1	1008.3	1007.1	1006.5	1006.9	1008.7	1011.7	1013.5	1015.4	1010.8
0500	1013.9	1013.1	1010.8	1009.3	1007.6	1006.5	1006.0	1006.4	1008.0	1010.7	1012.5	1014.4	1009.9
0600	1012.5	1012.0	1009.5	1008.1	1006.6	1005.8	1005.3	1005.6	1007.0	1009.6	1011.3	1013.0	1008.9
0700	1011.3	1010.7	1008.1	1006.7	1005.4	1004.9	1004.4	1004.6	1005.9	1008.5	1010.2	1011.8	1007.7
0800	1010.4	1009.5	1006.9	1005.4	1004.3	1003.9	1003.6	1003.8	1004.9	1007.7	1009.4	1011.1	1006.7
0900	1009.9	1009.0	1006.2	1004.7	1003.6	1003.2	1003.0	1003.2	1004.4	1007.3	1009.2	1010.8	1006.2
1000	1010.0	1008.9	1005.8	1004.3	1003.3	1003.0	1002.6	1003.0	1004.4	1007.4	1009.3	1010.9	1006.1
1100	1011.5	1009.8	1006.9	1003.8	1003.8	1003.3	1002.9	1003.9	1004.4	1008.3	1010.3	1011.3	1006.7
1200	1011.1	1010.5	1006.4	1007.6	1003.2	1003.5	1003.5	1004.1	1004.1	1007.3	1011.0	1011.1	1007.0
1300	1011.9	1011.1	1010.5	1008.3	1004.3	1004.4	1003.0	1004.3	1004.9	1008.5	1012.9	1013.1	1008.1
1400	1011.7	1012.0	1007.5	1008.0	-	1005.0	-	1007.0	1007.0	-	1013.4	1013.6	1009.5
1500	1011.5	1014.0	1009.0	-	-	1005.0	-	1007.0	-	-	1014.0	1014.5	1010.7
1600	-	-	-	-	-	-	-	-	-	-	1013.7	-	1013.7
1700	-	-	-	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-
2200	1013.3	1011.7	1009.8	1006.3	1006.8	1005.8	1005.5	1006.3	1006.5	1010.3	1011.5	1013.0	1008.9
2300	1012.4	1011.6	1009.4	1008.3	1007.0	1005.9	1005.3	1005.6	1007.2	1010.1	1011.8	1013.5	1009.0
MEAN	1012.5	1011.8	1009.1	1007.7	1006.1	1005.3	1004.8	1005.5	1006.6	1009.6	1012.0	1013.2	1008.7

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

AIR TEMPERATURE (°c) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	20.0	20.9	24.0	26.2	26.9	26.5	26.3	25.7	25.7	25.2	23.5	20.6	24.3
0100	20.5	21.5	25.0	27.6	28.1	27.4	27.0	26.4	26.2	25.9	24.2	21.2	25.1
0200	21.9	23.3	27.0	29.4	29.6	28.6	28.1	27.4	27.2	27.1	25.8	22.9	26.5
0300	24.0	25.7	29.2	31.3	31.0	29.8	29.2	28.5	28.3	28.4	27.7	25.0	28.2
0400	26.2	28.2	31.0	32.8	32.3	31.0	30.3	29.5	29.3	29.5	29.2	26.9	29.7
0500	28.0	29.9	32.6	34.2	33.4	31.8	31.2	30.5	30.3	30.4	30.3	28.3	30.9
0600	29.2	31.2	33.9	35.4	34.3	32.6	31.9	31.1	31.0	31.1	31.2	29.3	31.9
0700	30.1	32.1	35.0	36.2	34.9	33.0	32.4	31.6	31.6	31.6	31.9	30.0	32.5
0800	30.7	32.8	35.6	36.7	35.3	33.2	32.7	31.8	31.9	31.9	32.2	30.5	32.9
0900	30.9	33.0	35.8	36.8	35.4	33.2	32.5	31.7	31.6	31.8	32.2	30.6	33.0
1000	30.5	32.4	35.3	36.1	34.7	32.6	32.1	31.0	31.2	31.3	31.6	30.2	32.4
1100	28.7	31.6	33.9	36.1	33.5	31.4	31.4	30.5	30.2	30.2	30.0	28.8	31.4
1200	26.8	28.9	31.5	32.6	32.3	31.2	31.1	30.4	30.0	29.0	28.3	27.9	30.0
1300	24.9	27.0	28.2	31.3	30.0	30.1	32.3	29.3	29.0	28.3	27.3	26.3	28.7
1400	24.3	24.0	29.3	31.0	-	27.5	-	30.0	30.0	-	27.2	25.4	27.6
1500	21.5	23.0	28.0	-	-	28.0	-	29.0	-	-	26.3	25.0	25.8
1600	-	-	-	-	-	-	-	-	-	-	26.3	-	26.3
1700	-	-	-	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-
2200	20.2	22.3	24.3	27.9	27.3	26.7	26.7	26.4	25.9	25.3	23.9	21.8	24.9
2300	20.2	21.2	24.2	26.2	26.6	26.2	26.1	25.6	25.5	25.0	23.5	20.6	24.2
MEAN	25.5	27.2	30.2	32.2	31.6	30.0	30.1	29.2	29.1	28.9	28.0	26.2	29.0

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	-	3.57	-	-	-	-	-	-	-	-	-	3.57
010	-	-	-	-	-	-	-	-	-	-	-	0.00
020	-	-	-	-	-	-	-	-	-	-	-	0.00
030	-	-	-	-	-	-	-	-	-	-	-	0.00
040	-	-	-	-	-	-	-	-	-	-	-	0.00
050	-	7.14	-	-	-	-	-	-	-	-	-	7.14
060	-	-	-	-	-	-	-	-	-	-	-	0.00
070	-	-	-	-	-	-	-	-	-	-	-	0.00
080	-	3.57	-	-	-	-	-	-	-	-	-	3.57
090	-	-	3.57	-	-	-	-	-	-	-	-	3.57
100	3.57	-	3.57	-	-	-	-	-	-	-	-	7.14
110	-	-	-	-	-	-	-	-	-	-	-	0.00
120	-	-	3.57	-	-	-	-	-	-	-	-	3.57
130	-	-	-	-	-	-	-	-	-	-	-	0.00
140	-	-	-	-	3.57	-	-	-	-	-	-	3.57
150	-	-	-	-	-	-	-	-	-	-	-	0.00
160	-	3.57	-	-	-	-	-	-	-	-	-	3.57
170	-	-	-	-	-	-	-	-	-	-	-	0.00
180	3.57	3.57	-	-	-	-	-	-	-	-	-	7.14
190	-	-	-	-	-	-	-	-	-	-	-	0.00
200	-	-	3.57	-	-	-	-	-	-	-	-	3.57
210	-	3.57	3.57	-	-	-	-	-	-	-	-	7.14
220	-	7.14	-	-	-	-	-	-	-	-	-	7.14
230	-	7.14	-	-	-	-	-	-	-	-	-	7.14
240	-	3.57	10.71	-	-	-	-	-	-	-	-	14.28
250	-	-	-	-	-	-	-	-	-	-	-	0.00
260	3.57	-	-	-	-	-	-	-	-	-	-	3.57
270	-	-	7.14	-	-	-	-	-	-	-	-	7.14
280	-	-	-	-	-	-	-	-	-	-	-	0.00
290	-	-	-	3.57	-	-	-	-	-	-	-	3.57
300	-	-	-	-	-	-	-	-	-	-	-	0.00
310	-	-	-	-	-	-	-	-	-	-	-	0.00
320	-	-	-	-	-	-	-	-	-	-	-	0.00
330	-	-	-	3.57	-	-	-	-	-	-	-	3.57
340	-	-	-	-	-	-	-	-	-	-	-	0.00
350	-	-	-	-	-	-	-	-	-	-	-	0.00
TOTAL	10.71	42.84	35.70	7.14	3.57	0.00	0.00	0.00	0.00	0.00	0.00	100.00

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	9	5	5	20	7	-	7	-	6	7	6	6
010	5	4	3	5	4	3	13	6	4	7	5	5
020	5	5	2	8	6	-	-	-	5	7	6	6
030	9	6	6	10	5	-	3	-	8	5	6	7
040	10	6	5	11	4	3	4	5	4	6	5	6
050	8	5	4	8	4	4	5	3	17	6	5	7
060	8	6	6	10	5	6	4	4	6	6	9	7
070	7	5	5	6	4	3	5	5	6	5	5	7
080	5	5	5	5	9	3	5	4	10	19	5	6
090	5	6	9	9	22	6	5	6	7	10	6	6
100	5	8	7	11	10	7	9	5	23	15	6	6
110	6	5	10	9	10	6	7	7	11	7	6	5
120	7	7	21	8	8	8	7	7	5	6	6	5
130	7	8	8	8	7	7	7	9	8	6	6	5
140	8	7	10	9	34	8	6	8	8	6	6	5
150	8	11	11	8	11	9	9	7	8	7	5	5
160	7	10	10	8	13	9	11	19	9	12	5	5
170	8	9	10	9	11	8	12	11	8	6	5	5
180	8	9	13	14	9	12	11	19	11	7	5	6
190	6	9	10	9	11	11	15	10	8	6	5	7
200	7	9	9	11	11	25	15	11	11	8	7	7
210	7	10	14	20	21	14	15	13	11	6	6	6
220	5	6	13	10	11	13	20	14	13	8	6	5
230	10	11	11	18	16	20	15	22	12	10	7	6
240	13	11	11	8	21	20	25	13	13	10	6	5
250	12	12	10	12	12	15	15	12	11	9	6	5
260	4	4	6	14	18	15	9	11	9	8	7	6
270	6	7	4	7	13	24	14	10	10	5	6	5
280	6	6	4	8	10	14	11	15	10	6	5	8
290	6	6	6	10	10	12	11	12	30	7	5	7
300	7	9	4	4	7	5	8	10	7	7	7	7
310	8	15	3	11	10	19	6	10	8	7	8	7
320	8	9	5	9	11	5	4	10	8	8	8	7
330	7	15	4	6	10	14	15	16	30	10	8	8
340	11	7	4	7	5	3	-	-	7	8	10	8
350	8	6	8	11	6	4	4	-	9	7	6	6
MAX.SPEED	13	15	21	20	34	25	25	22	30	19	10	8
DIR.	240	310	120	360	140	200	240	230	290	080	340	280

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 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	330	030	150	150	150	150	210	150	160	050	330	330	150
0100	330	330	150	150	150	150	150	150	160	050	050	340	150
0200	050	030	150	150	170	150	230	150	150	050	060	050	150
0300	060	060	150	170	210	170	230	150	160	300	050	040	150
0400	050	150	150	170	150	250	230	160	160	300	060	060	150
0500	300	160	150	140	180	180	240	230	270	300	300	260	180
0600	290	150	160	180	220	180	220	220	240	300	290	290	160
0700	280	160	150	140	170	180	200	150	300	280	270	270	170
0800	150	150	150	150	170	160	240	230	300	230	290	280	150
0900	150	150	150	150	150	210	240	160	180	210	230	290	150
1000	150	150	150	140	180	240	230	220	210	160	210	210	150
1100	120	140	120	150	150	240	240	220	200	230	320	200	150
1200	120	200	140	140	230	230	130	230	230	130	250	300	130
1300	-	170	140	130	160	160	230	150	150	210	230	-	230
1400	310	-	180	170	-	220	-	230	-	-	300	-	310
1500	-	300	210	-	-	210	-	220	-	-	300	-	300
1600	-	-	-	-	-	-	-	-	-	-	100	-	100
1700	-	-	-	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-
2200	100	070	110	150	150	150	150	220	330	050	340	340	150
2300	330	020	150	150	170	150	210	150	200	330	330	330	150

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

AVERAGE WIND SPEED (kt) AT SPECIFIED TIMES

TIME(UTC)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	2.13	1.74	1.89	2.47	2.35	2.64	2.91	2.62	2.31	2.25	2.38	2.25	2.33
0100	2.45	1.99	2.38	3.50	3.05	3.51	3.58	3.31	2.83	2.73	3.08	2.87	2.94
0200	3.05	2.53	3.42	4.11	3.33	3.76	3.96	3.70	3.04	2.79	3.11	3.20	3.33
0300	2.99	2.74	3.65	3.53	3.33	3.95	4.30	3.88	3.21	2.91	3.19	3.17	3.40
0400	2.90	2.98	3.41	3.31	3.55	4.21	4.61	4.22	3.35	3.09	3.20	3.20	3.50
0500	3.16	3.26	3.32	3.32	3.58	4.42	4.82	4.40	3.44	3.11	3.00	3.10	3.58
0600	3.39	3.52	3.45	3.52	3.86	4.96	5.00	4.67	3.64	3.22	3.13	3.11	3.79
0700	3.44	3.71	3.74	3.60	4.12	5.33	5.36	4.72	3.78	3.26	3.23	3.11	3.95
0800	3.44	3.76	3.97	3.96	4.26	5.37	5.71	4.88	3.69	3.17	2.95	3.10	4.02
0900	3.37	4.00	4.27	4.22	4.44	5.66	6.01	5.28	3.87	3.14	2.82	2.95	4.17
1000	2.99	3.86	4.54	4.54	4.71	5.69	5.85	5.10	3.65	2.84	2.52	2.60	4.07
1100	2.17	2.69	3.44	3.94	5.23	6.04	5.61	4.53	3.38	2.42	2.20	1.98	3.64
1200	1.88	1.73	2.92	2.25	5.50	6.19	4.64	4.93	2.84	2.17	2.25	1.60	3.24
1300	1.29	1.44	2.00	2.17	4.00	5.19	6.00	4.69	2.29	2.17	2.25	1.57	2.92
1400	1.33	1.50	2.25	6.00	-	3.50	-	8.00	2.00	-	1.20	2.20	3.11
1500	1.00	5.00	2.00	-	-	4.00	-	9.00	-	-	1.25	3.00	3.61
1600	-	-	-	-	-	-	-	-	-	-	2.00	-	2.00
1700	-	-	-	-	-	-	-	-	-	-	-	-	-
1800	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
2100	-	-	-	-	-	-	-	-	-	-	-	-	-
2200	1.92	1.52	2.03	3.08	2.48	2.40	2.67	2.27	1.99	2.15	2.27	2.03	2.23
2300	2.01	1.71	2.12	2.44	2.24	2.39	2.75	2.47	2.27	2.14	2.25	2.22	2.25
ALL	2.50	2.76	3.04	3.53	3.75	4.40	4.61	4.59	3.03	2.72	2.54	2.63	3.34

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO RWY(TDZ): 36

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

OCCURRENCE OF PHENOMENAS DURING 7 YEARS

ELEMENTS	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	DRIZZLE DAYS	2	-	1	5	7	9	30	27	34	17	6	2	140
RAIN DAYS	4	6	6	8	27	35	51	75	58	40	11	2	323	
SHOWER DAYS	-	-	-	-	3	3	1	1	-	1	-	-	9	
THUNDER DAYS	1	2	-	1	5	1	5	8	7	3	-	-	33	
THUNDERSTORM DAYS	2	3	2	9	19	25	30	33	33	25	3	-	184	
HAIL DAYS	-	-	-	-	-	-	-	-	-	-	-	-	0	
FOG DAYS	6	4	-	-	1	-	-	1	2	4	-	-	18	
MIST DAYS	126	170	188	122	39	21	23	40	50	72	58	72	981	
HAZE DAYS	56	85	104	64	-	-	-	-	-	-	2	13	324	
SMOKE DAYS	-	-	3	-	-	-	-	-	-	-	-	1	4	
GALE DAYS (>= 34 KT)	-	-	-	-	1	-	-	-	-	-	-	-	1	
HEAD WIND DAYS (>= 10 KT)	1	1	-	1	-	2	2	1	2	-	-	-	10	
TAIL WIND DAYS (>= 10 KT)	-	-	2	2	8	10	14	12	3	1	-	-	52	
R-CROSS WIND DAYS (>= 10 KT)	-	-	-	1	1	-	-	-	2	2	-	-	6	
L-CROSS WIND DAYS (>= 10 KT)	1	3	-	2	8	26	28	11	7	-	-	-	86	

SUKHOTHAI CLIMATOLOGICAL DATA 2018-2024



AERODROME CLIMATOLOGY

AERODROME CLIMATOLOGY TABLE

AERODROME : SUKHOTHAI AIRPORT-VTPO RWY(TDZ): 36

PERIOD OF RECORD:2018-2024

LATTITUDE: 17 14' 15" N, LONGITUDE: 99 49' 06" E, ELEVATION ABOVE MSL: 58 M

AVERAGE SEVERE WIND SPEED (kt) DURING 7 YEARS

ELEMENTS	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	HEAD WIND	2.6	1.8	0.7	1.2	1.1	0.7	0.6	0.8	2.0	2.8	3.3	3.0	1.7
TAIL WIND	2.9	3.8	4.9	4.8	5.4	6.2	6.3	5.9	3.9	2.5	1.8	2.0	4.2	
R-CROSS WIND	2.6	2.7	3.7	3.5	2.9	2.6	2.2	2.1	2.6	2.7	2.5	2.3	2.7	
L-CROSS WIND	2.7	2.2	1.7	2.0	3.7	5.3	5.5	4.7	4.0	3.2	3.0	3.1	3.4	
HW/TW	4.1	4.3	5.0	5.2	5.5	6.3	6.4	6.0	4.7	3.8	3.7	3.6	4.9	
R/L-CROSS WIND	3.6	3.5	4.1	4.2	4.8	6.0	6.1	5.3	4.8	4.0	3.7	3.6	4.5	
HW/TW/R/L-CROSS WIND	4.4	4.6	5.3	5.6	6.2	7.3	7.3	6.7	5.7	4.6	4.3	4.1	5.5	