



FIJI METEOROLOGICAL SERVICE

PRIVATE MAIL BAG (NAP 0351)
NADI AIRPORT, FIJI

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AERONAUTICAL CLIMATOLOGICAL SUMMARY – NADI AIRPORT

MODELS E –TEMPERATURE

1st Issue, 26 September 2016

Aerodrome Climatological Summary – Model E

NADI AIRPORT – NFFN

Latitude: 17° 45' 36"S

Longitude: 177° 26' 42"E

Elevation: 19m

Period of Record: 01 Jan 2011 to 31 Dec 2015

NB: * indicates the event has occurred but with a frequency less than 0.05%

Month: January

Total Observations: 1238

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	0.0	66.5	33.5	0.0	155
0300	0.0	0.0	89.6	10.4	0.0	154
0600	0.0	0.6	92.3	7.1	0.0	155
0900	0.0	0.0	8.4	83.9	7.7	155
1200	0.0	0.0	4.6	41.9	53.5	155
1500	0.0	0.0	5.8	46.1	48.1	154
1800	0.0	0.0	17.4	72.3	10.3	155
2100	0.0	0.0	32.3	67.7	0.0	155
Mean (%)	0.0	0.1	39.5	45.4	15.0	

Month: February

Total Observations: 1128

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	0.0	74.5	25.5	0.0	141
0300	0.0	0.0	85.1	14.9	0.0	141
0600	0.0	0.0	89.4	10.6	0.0	141
0900	0.0	0.0	7.8	85.8	6.4	141
1200	0.0	0.0	3.6	54.6	41.8	141
1500	0.0	0.0	9.3	56.7	34.0	141
1800	0.0	0.0	23.5	73.0	3.5	141
2100	0.0	0.0	48.2	51.8	0.0	141
Mean (%)	0.0	0.0	42.5	46.6	10.7	

Month: March

Total Observations: 1238

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	0.0	71.0	29.0	0.0	155
0300	0.0	0.6	82.6	16.8	0.0	155
0600	0.0	0.6	87.0	12.4	0.0	154
0900	0.0	0.0	3.9	91.6	4.5	155
1200	0.0	0.0	1.9	45.2	52.9	155
1500	0.0	0.0	5.8	52.6	41.6	154
1800	0.0	0.0	18.1	79.3	2.6	155
2100	0.0	0.0	49.7	50.3	0.0	155
Mean (%)	0.0	0.2	40.0	47.1	12.7	

Aerodrome Climatological Summary – Model E

NADI AIRPORT – NFFN

Latitude: 17° 45' 36"S

Longitude: 177° 26' 42"E

Elevation: 19m

Period of Record: 01 Jan 2011 to 31 Dec 2015

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Month: April

Total Observations: 1200

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	0.0	92.7	7.3	0.0	150
0300	0.0	2.7	93.3	4.0	0.0	150
0600	0.0	3.3	94.7	2.0	0.0	150
0900	0.0	0.0	12.0	88.0	0.0	150
1200	0.0	0.0	5.3	70.7	24.0	150
1500	0.0	0.0	6.0	74.7	19.3	150
1800	0.0	0.0	17.3	82.7	0.0	150
2100	0.0	0.0	68.7	31.3	0.0	150
Mean (%)	0.0	0.8	48.7	45.1	5.4	

Month: May

Total Observations: 1238

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	14.2	83.9	1.9	0.0	155
0300	0.0	18.7	80.6	0.6	0.0	155
0600	0.7	24.5	73.5	1.3	0.0	155
0900	0.0	0.0	36.2	63.9	0.0	155
1200	0.0	0.0	2.6	86.4	11.0	154
1500	0.0	0.0	4.5	83.2	12.3	154
1800	0.0	0.0	38.7	61.2	0.0	155
2100	0.0	5.2	82.6	12.3	0.0	155
Mean (%)	0.1	7.8	50.3	38.8	2.9	

Month: June

Total Observations: 1200

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	22	77.3	0.7	0.0	150
0300	0.7	30.0	66.6	2.7	0.0	150
0600	0.7	36.7	60.6	2.0	0.0	150
0900	0.0	1.3	71.4	27.3	0.0	150
1200	0.0	0.7	6.7	87.3	5.3	150
1500	0.0	0.7	5.3	88.7	5.3	150
1800	0.0	0.7	52.6	46.7	0.0	150
2100	0.0	10.0	86.7	3.3	0.0	150
Mean (%)	0.2	12.8	53.4	32.3	1.3	

Aerodrome Climatological Summary – Model E

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Month: July

Total Observations: 1240

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	35.5	61.3	3.2	0.0	155
0300	3.2	46.5	49.0	1.3	0.0	155
0600	3.9	54.8	39.4	1.9	0.0	155
0900	0.0	4.6	80.6	14.8	0.0	155
1200	0.0	0.0	15.5	83.2	1.3	155
1500	0.0	0.0	13.6	83.2	3.2	155
1800	0.0	0.0	69.7	30.3	0.0	155
2100	0.0	15.5	80.0	4.5	0.0	155
Mean (%)	0.9	19.6	51.1	27.8	0.6	

Month: August

Total Observations: 1240

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	27.8	70.3	1.9	0.0	155
0300	2.6	39.4	56.1	1.9	0.0	155
0600	3.2	47.8	47.1	1.9	0.0	155
0900	0.0	0.0	76.1	23.9	0.0	155
1200	0.0	0.0	14.2	81.3	4.5	155
1500	0.0	0.0	17.5	80.6	1.9	155
1800	0.0	0.6	68.4	31.0	0.0	155
2100	0.0	10.3	86.5	3.2	0.0	155
Mean (%)	0.7	15.8	54.5	28.2	0.8	

Month: September

Total Observations: 1198

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	10.7	86.0	3.3	0.0	150
0300	0.7	24.0	71.3	4.0	0.0	150
0600	0.0	34.7	63.3	2.0	0.0	150
0900	0.0	0.7	39.6	59.7	0.0	149
1200	0.0	0.0	11.3	82.0	6.7	150
1500	0.0	1.4	9.3	80.0	9.3	150
1800	0.0	1.3	42.0	56.7	0.0	150
2100	0.0	6.7	83.9	9.4	0.0	149
Mean (%)	0.1	9.9	50.9	37.1	2.0	

Aerodrome Climatological Summary – Model E

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Month: October

Total Observations: 1238

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	5.8	88.4	5.8	0.0	155
0300	0.0	12.3	85.1	2.6	0.0	154
0600	1.3	16.8	80.0	1.9	0.0	155
0900	0.0	0.0	21.9	76.2	1.9	155
1200	0.0	0.0	7.1	84.5	8.4	155
1500	0.0	0.0	7.1	83.8	9.1	154
1800	0.0	0.0	36.1	63.9	0.0	155
2100	0.0	1.3	77.4	21.3	0.0	155
Mean (%)	0.2	4.5	50.4	42.5	2.4	

Month: November

Total Observations: 1199

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	2.0	84.0	14.0	0.0	150
0300	0.0	2.7	96.0	1.3	0.0	150
0600	0.0	4.0	94.0	2.0	0.0	149
0900	0.0	0.0	4.7	86.6	8.7	150
1200	0.0	0.0	2.0	66.7	31.3	150
1500	0.0	0.0	6.7	70.0	23.3	150
1800	0.0	0.0	23.4	75.3	1.3	150
2100	0.0	0.0	54.7	45.3	0.0	150
Mean (%)	0.0	1.1	45.6	45.2	8.1	

Month: December

Total Observations: 1240

Frequencies (percent) of surface (screen) Temperature in specified ranges at specified times						
Time	Temperature (degrees C)					Total Observations
	10-15	16-20	21-25	26-30	>30	
0000	0.0	0.0	83.9	16.1	0.0	155
0300	0.0	0.0	95.5	4.5	0.0	155
0600	0.0	0.6	95.5	3.9	0.0	155
0900	0.0	0.0	3.2	85.2	11.6	155
1200	0.0	0.0	1.9	63.3	34.8	155
1500	0.0	0.0	5.2	69.0	25.8	155
1800	0.0	0.0	15.5	82.6	1.9	155
2100	0.0	0.0	46.5	53.5	0.0	155
Mean (%)	0.0	0.1	43.3	47.3	9.3	