

Record Reference: MF-FORECAST-WCUFPA-30_05_2018

Date: Wed 30 May 08:15:53 2018

FIRE DANGER INDEX AND WEATHER FORECAST issued @ 08:15 on Wed 30 May 2018

Lowveld FDI Description	Colour	Category	Lowveld FDI Precaution
SAFE	BLUE	0 - 20	Low fire hazard. Controlled burn operations can normally be executed with a reasonable degree of safety
MODERATE	GREEN	21 - 45	Although controlled burning operations can be executed without crating a fire hazard, care must be taken when burning on exposed, dry slopes. Keep constant watch for unexpected wind speed and direction changes
DANGEROUS	YELLOW	46 - 60	Controlled burning not recommended when fire danger index exceeds 45. Aircraft should be called in at early stages of a fire.
VERY DANGEROUS	ORANGE	61 - 75	No controlled burning of any nature should take place. Careful note should be taken of any sign of smoke anywhere, especially on the upwind side of any plantation. Any fire should be attacked with maximum force at hand, including all aircraft at the time.
EXTREMELY DANGEROUS	RED	75<	All personnel and equipment should be removed from the field. Fire teams, labour and equipment are to be placed on full stand-by. At first sign of smoke, every possible measure should be taken in order to bring the fire under control in the shortest possible time. All available aircraft are to be called for without delay.

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Important note: The South African Weather Service publishes two veld fire ratings the FDI rating based Lowveld Fire Danger Index formula that does **not** use recent rainfall in the calculation (FDI-D) and the FDI using the last 21 days rainfall (FDI-W).

In case of emergency:

Please call one of the weather offices for FDI information
 Cape Town Forecasters : 021 935 5700
 Port Elizabeth Forecasters : 041 5811476

1. SOUTHERN CAPE FPA - Eden District Municipality

Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kouga / Patensie		6	22	75	40	0	0	49	44
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	9	Clear skies		NNE 9 km/h		0 km/h			
14:00	22	High level clouds		NNW 9 km/h		0 km/h			
20:00	13	Clear skies		N 0 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kouga / Patensie		9	21	75	45	0	0	46	46
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	10	Clear skies		W 9 km/h		0 km/h			
14:00	21	Clear skies		NNW 9 km/h		0 km/h			
20:00	15	Clear skies		NNE 9 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kou-Kamma / Joubertina		3	22	80	45	0	0	47	38
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	8	Clear skies		N 9 km/h		0 km/h			
14:00	21	High level clouds		NW 9 km/h		0 km/h			
20:00	11	Clear skies		N 0 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kou-Kamma / Joubertina		7	21	80	45	0	0	36	32
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	8	Clear skies		NW 9 km/h		0 km/h			
14:00	21	Clear skies		N 0 km/h		0 km/h			
20:00	13	Clear skies		N 9 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kannaland / Ladismith		5	20	80	40	0	0	52	42
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	8	High level clouds		NNW 9 km/h		0 km/h			
14:00	20	High level clouds		NW 19 km/h		0 km/h			
20:00	12	High level clouds		WSW 9 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Kannaland / Ladismith		5	19	85	30	0	0	51	46
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	7	Clear skies		NW 9 km/h		0 km/h			
14:00	19	Clear skies		NW 19 km/h		0 km/h			
20:00	13	Clear skies		NW 19 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Hessequa / Riversdale		7	21	85	45	0	0	46	41
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	7	High level clouds		NNW 9 km/h		0 km/h			
14:00	21	High level clouds		WNW 9 km/h		0 km/h			
20:00	11	High level clouds		S 9 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Hessequa / Riversdale		7	22	80	40	0	0	52	52
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	8	Clear skies		NNW 9 km/h		0 km/h			
14:00	22	Clear skies		NW 19 km/h		0 km/h			
20:00	14	Clear skies		NNW 19 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Mossel Bay / Mosselbay		11	20	80	45	0	0	45	41

Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	11	High level clouds		N 9 km/h		0 km/h			
14:00	19	High level clouds		WNW 9 km/h		0 km/h			
20:00	13	High level clouds		S 9 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Mossel Bay / Mosselbay		11	21	80	35	0	0	46	46
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	12	Clear skies		NNW 9 km/h		0 km/h			
14:00	20	Clear skies		NW 9 km/h		0 km/h			
20:00	16	Clear skies		NNW 19 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
George / George		7	20	85	45	0	0	45	45
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	9	High level clouds		NNE 9 km/h		0 km/h			
14:00	20	High level clouds		W 9 km/h		0 km/h			
20:00	11	High level clouds		SSE 9 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
George / George		8	21	80	35	0	0	46	46
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	10	Clear skies		NNW 9 km/h		0 km/h			
14:00	21	Clear skies		NW 9 km/h		0 km/h			
20:00	14	Clear skies		NNW 9 km/h		0 km/h			

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Oudtshoorn / Oudtshoorn		7	20	80	40	0	0	47	33
Time	Temp C	Weather		Wind Speed		Wind Gusts			

Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
08:00	7		High level clouds		N 9 km/h		0 km/h		
14:00	20		High level clouds		WNW 9 km/h		0 km/h		
20:00	12		High level clouds		WSW 9 km/h		0 km/h		
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Oudtshoorn / Oudtshoorn		5	20	80	30	0	0	47	42
Time	Temp C		Weather		Wind Speed		Wind Gusts		
08:00	7		Clear skies		NNW 9 km/h		0 km/h		
14:00	20		Clear skies		NW 9 km/h		0 km/h		
20:00	13		Clear skies		NNW 9 km/h		0 km/h		

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Bitou / Plettenberg Bay		10	21	80	45	0	0	46	41
Time	Temp C		Weather		Wind Speed		Wind Gusts		
08:00	11		Clear skies		NNE 9 km/h		0 km/h		
14:00	21		High level clouds		W 9 km/h		0 km/h		
20:00	13		Clear skies		S 9 km/h		0 km/h		
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Bitou / Plettenberg Bay		11	22	80	50	0	0	35	35
Time	Temp C		Weather		Wind Speed		Wind Gusts		
08:00	12		Clear skies		NNW 9 km/h		0 km/h		
14:00	21		Clear skies		N 0 km/h		0 km/h		
20:00	16		Clear skies		NNE 9 km/h		0 km/h		

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Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel FDI-D	Low-vel FDI-W
Knysna / Knysna		8	22	80	45	0	0	47	38
Time	Temp C		Weather		Wind Speed		Wind Gusts		
08:00	10		High level clouds		NNE 9 km/h		0 km/h		

Product : Forecast Products



Forecast for Wed 30 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel'd FDI-D	Low-vel'd FDI-W
14:00	22	High level clouds		W 9 km/h		0 km/h			
20:00	11	High level clouds		SSE 9 km/h		0 km/h			
Forecast for Thu 31 May 2018		Min Temp(C)	Max Temp(C)	Max Hum (%)	Min Hum (%)	Prob Rain %	Rain (mm)	Low-vel'd FDI-D	Low-vel'd FDI-W
Knysna / Knysna		8	23	80	30	0	0	47	42
Time	Temp C	Weather		Wind Speed		Wind Gusts			
08:00	10	Clear skies		NNW 9 km/h		0 km/h			
14:00	22	Clear skies		NNW 9 km/h		0 km/h			
20:00	15	Clear skies		NNE 9 km/h		0 km/h			