

RFS Fire Weather Forecast

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Sunday 12 February 2017

Forecast issued at 4:15 pm EDT on Saturday 11 February 2017.

An inland trough and associated southerly change will impact fire weather conditions, with strong winds and very hot conditions are expected ahead of this trough. The chance of showers behind the trough with the chance of a thunderstorm along the central ranges, central inland and parts of the northern ranges. Maximum temperatures ahead of the trough are expected to reach mid to high 40s to low 40 along the coastal fringe and high 30 along the higher northern ranges. Otherwise temperatures inland will reach low 30s grading to high 20s, with temperatures along the southern ranges lowering to low 20s. Minimum relative humidity will reach around 10-15%, increasing to around 30% behind the trough inland and grading to above 50% along the coast and in the far southern ranges and coastline. C-Haines will reach 10-13 ahead of the trough, with mixing heights reaching 3000-4500m. This may lead to erratic fire behaviour and plume driven fire behaviour.

Greater Sydney Region [Severe]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Sydney Airport	13:00	31	49	S	25	45	31	85	4.5	5	F					WIND (1500m):WNW55	RAIN:< 5%
Terrey Hills	14:00	30	52	SSW	25	45	30	70	4.5	7	F					MIX:1200m	LAL:1
Richmond	15:00	40	30	SSE	20	35	40	55	4.5	9	F						
Katoomba	14:00	33	24	W	40	65	34	70	4.5	4	F						
Forest (67%)	Area FFDI:63		VH+:29% Hrs:7 Start:11			SEV+:12% Hrs:3 Start:12			EXT+:4% Hrs:1 Start:13			CAT+:< 1%				cHaines:11	
Grass (33%)	Area GFDI:7		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Severe	

Far North Coast [Severe]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Lismore	17:00	40	26	NNW	20	30	40	20	4.5	10	F					WIND (1500m):WNW20	RAIN:< 5%
Grafton	17:00	43	15	WNW	20	35	43	55	4.5	10	F	S	20	30	21-01	MIX:3300m	LAL:1
Forest (70%)	Area FFDI:54		VH+:75% Hrs:10 Start:11			SEV+:19% Hrs:5 Start:13			EXT+:0%			CAT+:0%				cHaines:12	
Grass (30%)	Area GFDI:0		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Severe	

North Coast [Extreme]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Taree	13:00	42	16	NW	20	35	42	45	4.5	9	F	S	30	50	16-20	MIX:3200m	LAL:1
Coffs Harbour Airport	14:00	34	26	N	20	30	37	35	4.5	10	F	SSW	35	55	20-24		
Forest (75%)	Area FFDI:90		VH+:79% Hrs:9 Start:10			SEV+:44% Hrs:7 Start:11			EXT+:16% Hrs:5 Start:12			CAT+:4% Hrs:2 Start:14				cHaines:12	
Grass (25%)	Area GFDI:9		VH+:< 1%			SEV+:< 1%			EXT+:0%			CAT+:0%				Rating:Extreme	

Greater Hunter [Catastrophic]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Williamtown	13:00	36	24	WNW	45	70	37	45	6.0	10	F	S	35	55	12-16	WIND (1500m):WNW60	RAIN:< 5%
Cessnock	14:00	44	11	WNW	50	75	44	60	6.0	10	F	SSW	30	45	13-17	MIX:3700m	LAL:1
Scone	13:00	44	13	WNW	50	80	45	75	6.0	10	F	WSW	30	45	15-19		
Forest (48%)	Area FFDI:133		VH+:53% Hrs:11 Start:09			SEV+:53% Hrs:9 Start:10			EXT+:49% Hrs:7 Start:11			CAT+:35% Hrs:5 Start:12				cHaines:13	
Grass (52%)	Area GFDI:174		VH+:43% Hrs:11 Start:09			SEV+:38% Hrs:9 Start:10			EXT+:26% Hrs:7 Start:11			CAT+:12% Hrs:6 Start:11				Rating:Catastrophic	

Illawarra/Shoalhaven [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Bowral	12:00	31	36	W	30	50	33	70	6.0	5	F	WSW	20	35	12-16	WIND (1500m):WNW45	RAIN:20%
Nowra	12:00	28	51	S	15	25	28	60	3.0	3	F					MIX:1400m	LAL:1
Forest (79%)	Area FFDI:14		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:10	
Grass (21%)	Area GFDI:10		VH+:< 1%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Far South Coast [Low-Moderate]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Moruya	15:00	18	88	SSE	20	35	21	70	3.0	7	F					WIND (1500m):W45	RAIN:45%

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Bega	19:00	21	46	SW	20	35	22	70	3.0	8	F					MIX:1700m	LAL:0
Forest (86%)	Area FFDI:9		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:5	
Grass (14%)	Area GFDI:4		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Low-Moderate	

Monaro Alpine [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Cooma	10:00	25	57	WNW	30	45	25	90	3.0	9	F					WIND (1500m):WNW35	RAIN:35%
Bombala AWS	18:00	16	48	WSW	35	55	19	90	3.0	9	F					MIX:2100m	LAL:0
Forest (52%)	Area FFDI:14		VH+:< 1%			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:6	
Grass (48%)	Area GFDI:8		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Southern Ranges [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Goulburn	12:00	33	34	W	35	60	33	85	3.0	8	F					WIND (1500m):WNW40	RAIN:20%
Braidwood	11:00	27	54	WNW	30	50	27	80	4.5	9	F					MIX:2300m	LAL:1
Forest (31%)	Area FFDI:26		VH+:4% Hrs:4 Start:10			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:9	
Grass (69%)	Area GFDI:21		VH+:4% Hrs:2 Start:10			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Central Ranges [Catastrophic]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Orange	14:00	35	28	W	40	65	35	70	6.0	10	F					WIND (1500m):WNW55	RAIN:< 5%
Mudgee	14:00	42	11	W	50	80	42	75	6.0	10	F	SW	35	55	13-17	MIX:3500m	LAL:1
Forest (36%)	Area FFDI:117		VH+:40% Hrs:11 Start:09			SEV+:28% Hrs:9 Start:10			EXT+:22% Hrs:6 Start:11			CAT+:9% Hrs:5 Start:12				cHaines:12	
Grass (64%)	Area GFDI:102		VH+:44% Hrs:11 Start:09			SEV+:18% Hrs:8 Start:10			EXT+:6% Hrs:6 Start:11			CAT+:1% Hrs:3 Start:12				Rating:Catastrophic	

New England [Very High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Armidale	17:00	36	19	WNW	35	60	37	65	4.5	8	F	SSE	20	35	20-24	WIND (1500m):W30	RAIN:< 5%
Tenterfield	15:00	38	20	W	20	35	38	55	4.5	10	F					MIX:3600m	LAL:1
Forest (50%)	Area FFDI:44		VH+:54% Hrs:9 Start:11			SEV+:< 1%			EXT+:0%			CAT+:0%				cHaines:12	
Grass (50%)	Area GFDI:8		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

Northern Slopes [Extreme]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Inverell	17:00	39	16	W	30	50	39	40	4.5	8	F					WIND (1500m):W40	RAIN:< 5%
Tamworth	14:00	43	12	WNW	40	65	44	65	3.0	9	F					MIX:3800m	LAL:0
Forest (20%)	Area FFDI:90		VH+:30% Hrs:14 Start:09			SEV+:22% Hrs:9 Start:11			EXT+:6% Hrs:7 Start:12			CAT+:1% Hrs:5 Start:13				cHaines:13	
Grass (80%)	Area GFDI:69		VH+:31% Hrs:13 Start:09			SEV+:14% Hrs:9 Start:10			EXT+:3% Hrs:6 Start:12			CAT+:0%				Rating:Extreme	

North Western [Catastrophic]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Moree	17:00	46	9	W	30	45	46	95	4.5	10	G	S	30	50	20-24	WIND (1500m):W45	RAIN:< 5%
Coonabarabran	15:00	42	10	WNW	45	70	42	80	4.5	10	F	WSW	30	50	15-19	MIX:4000m	LAL:0
Forest (15%)	Area FFDI:120		VH+:15% Hrs:13 Start:08			SEV+:16% Hrs:10 Start:10			EXT+:18% Hrs:8 Start:11			CAT+:12% Hrs:6 Start:12				cHaines:13	
Grass (85%)	Area GFDI:86		VH+:73% Hrs:14 Start:09			SEV+:38% Hrs:10 Start:10			EXT+:4% Hrs:5 Start:11			CAT+:< 1%				Rating:Catastrophic	

Upper Central West Plains [Extreme]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Coonamble Airport	13:00	46	8	W	45	70	46	85	3.0	10	G	SW	35	55	15-19	WIND (1500m):W55	RAIN:< 5%
Forest (2%)	Area FFDI:130		VH+:2% Hrs:22 Start:00			SEV+:2% Hrs:10 Start:09			EXT+:3% Hrs:8 Start:10			CAT+:3% Hrs:6 Start:12				cHaines:13	
Grass (98%)	Area GFDI:98		VH+:91% Hrs:12 Start:08			SEV+:82% Hrs:10 Start:09			EXT+:9% Hrs:5 Start:11			CAT+:1% Hrs:1 Start:13				Rating:Extreme	

Lower Central West Plains [Extreme]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Dubbo	14:00	43	11	W	50	80	43	80	4.5	10	G					WIND (1500m):SW50	RAIN:< 5%
Parkes	16:00	33	26	SW	35	60	39	90	4.5	10	G					MIX:2300m	LAL:1
Condobolin Airport	15:00	34	28	SW	35	55	37	90	4.5	10	G						
Forest (5%)	Area FFDI:128		VH+:5% Hrs:19 Start:01			SEV+:3% Hrs:8 Start:09			EXT+:4% Hrs:6 Start:11			CAT+:2% Hrs:4 Start:12				cHaines:12	
Grass (95%)	Area GFDI:92		VH+:88% Hrs:11 Start:09			SEV+:22% Hrs:8 Start:09			EXT+:6% Hrs:4 Start:11			CAT+:< 1%				Rating:Extreme	

Southern Slopes [Very High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Young	14:00	27	39	SW	40	65	33	80	4.5	8	G					WIND (1500m):WSW50	RAIN:20%
Tumbarumba	00:00	27	48	SW	10	15	26	75	3.0	10	F					MIX:2000m	LAL:1
Forest (33%)	Area FFDI:19		VH+:1% Hrs:1 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:9	
Grass (67%)	Area GFDI:29		VH+:19% Hrs:4 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

Eastern Riverina [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Wagga Wagga	14:00	26	26	SW	35	55	28	90	3.0	10	G					WIND (1500m):WSW65	RAIN:15%
Albury Airport	17:00	22	33	SW	30	50	26	90	4.5	10	G					MIX:1900m	LAL:0
Forest (7%)	Area FFDI:25		VH+:1% Hrs:4 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:8	
Grass (93%)	Area GFDI:24		VH+:8% Hrs:7 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Southern Riverina [Very High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Deniliquin	17:00	24	25	SSW	35	55	24	100	4.5	10	G					WIND (1500m):SW45	RAIN:10%
																MIX:2000m	LAL:0
Forest (3%)	Area FFDI:26		VH+:1% Hrs:2 Start:13			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:7	
Grass (97%)	Area GFDI:29		VH+:42% Hrs:8 Start:11			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

Northern Riverina [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Hay	14:00	27	26	SSW	40	60	28	95	2.0	10	G					WIND (1500m):WSW55	RAIN:< 5%
Griffith	14:00	29	25	SW	35	50	29	90	2.0	10	G					MIX:1700m	LAL:0
Forest (1%)	Area FFDI:29		VH+:1% Hrs:3 Start:13			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:10	
Grass (99%)	Area GFDI:17		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

South Western [High]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Wentworth	11:00	21	46	SSW	40	65	25	90	2.0	10	G					WIND (1500m):SW50	RAIN:< 5%
																MIX:1600m	LAL:0
Forest (0%)	Area FFDI:30		VH+:< 1%			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:8	
Grass (100%)	Area GFDI:19		VH+:< 1%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Far Western [Severe]

Location	Time	Temp °C	RH %	Wind km/h			MaxT °C	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Ivanhoe	14:00	32	26	SSW	40	65	32	90	3.0	10	G					WIND (1500m):SW45	RAIN:< 5%
Tibooburra	16:00	42	13	S	40	60	42	100	2.0	10	G					MIX:2900m	LAL:0
Cobar	10:00	35	16	W	40	60	40	85	2.0	10	G	SW	35	55	10-14		
Forest (0%)	Area FFDI:101		VH+:< 1%			SEV+:< 1%			EXT+:< 1%			CAT+:< 1%				cHaines:13	
Grass (100%)	Area GFDI:51		VH+:74% Hrs:11 Start:09			SEV+:11% Hrs:6 Start:12			EXT+:0%			CAT+:0%				Rating:Severe	

Notes

The next routine forecast will be issued at 6:00 am EDT Sunday.

Product derived from IDN10018

[Standard Ratings Form](#)

