

## RFS Fire Weather Forecast

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**Saturday 21 December 2019**

Forecast issued at 6:00 am EDT on Saturday 21 December 2019.

Very hot, dry and windy conditions resulting in elevated fire danger from the inland through to the coast. A wind change will move through the southern and western parts of the state in the morning, and central parts of the state in the afternoon, reaching the Hunter coast and the northern inland by the evening. The chance of a shower or thunderstorm in the southern half and the west behind the change. Little rainfall is expected over the inland areas with showers and storms. Maximum temperatures reaching mid 40's across the wide areas, and very unstable conditions with cHaines exceeding 10 ahead of the change. Ahead of the change; moderate west to northwesterly winds, tending fresh to strong about the southern and central ranges and parts of Illawarra. Behind the change; cool and gusty south to southwesterly winds inland, tending fresh to strong south to southeasterly winds about the coast, Hunter, and the adjacent ranges.

### Greater Sydney Region [Catastrophic]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Sydney Airport	15:00	36	22	NNE	30	35	38	87	2.0	10	F	S	55	85	13-17	WIND (1500m):W40	RAIN:0%
Terrey Hills	16:00	36	18	W	20	35	37	80	2.0	10	F	S	50	80	14-18	MIX:3900m	LAL:1
Richmond	15:00	47	6	W	30	50	47	68	3.0	10	F	SSE	45	70	14-18		
Katoomba	14:00	39	9	W	35	55	39	81	3.0	10	F	SSE	30	50	15-19		
Forest (67%)	Area FFDI:91		VH+:72% Hrs:9 Start:10			SEV+:65% Hrs:7 Start:11			EXT+:46% Hrs:4 Start:13			CAT+:2% Hrs:1 Start:15				cHaines:13	
Grass (33%)	Area GFDI:29		VH+:6% Hrs:3 Start:13			SEV+:< 1%			EXT+:0%			CAT+:0%				Rating:Catastrophic	

### Far North Coast [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Lismore	15:00	35	30	NNE	15	25	35	50	4.5	10	F					WIND (1500m):SSW20	RAIN:0%
Grafton	15:00	37	25	NE	15	25	37	87	3.5	10	F					MIX:1800m	LAL:0
Forest (70%)	Area FFDI:31		VH+:49% Hrs:6 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:11	
Grass (30%)	Area GFDI:6		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

### North Coast [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Taree	15:00	37	31	ENE	15	25	37	71	3.0	10	F	SSW	20	35	19-23	MIX:2000m	LAL:0
Coffs Harbour Airport	15:00	31	49	NE	30	45	31	56	3.0	10	F						
Forest (75%)	Area FFDI:49		VH+:42% Hrs:10 Start:11			SEV+:8% Hrs:3 Start:13			EXT+:0%			CAT+:0%				cHaines:12	
Grass (25%)	Area GFDI:8		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

### Greater Hunter [Extreme]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Williamtown	15:00	40	13	WSW	15	30	40	51	4.5	10	F	SSW	50	80	16-20	WIND (1500m):W30	RAIN:0%
Cessnock	15:00	45	8	W	25	40	45	90	4.5	10	F	SSE	45	65	16-20	MIX:4400m	LAL:0
Scone	15:00	45	7	WNW	20	30	46	95	1.5	10	F	SSE	30	50	18-22		
Forest (48%)	Area FFDI:77		VH+:60% Hrs:13 Start:10			SEV+:53% Hrs:8 Start:12			EXT+:10% Hrs:3 Start:14			CAT+:0%				cHaines:13	
Grass (52%)	Area GFDI:27		VH+:7% Hrs:8 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Extreme	

### Illawarra/Shoalhaven [Catastrophic]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Bowral	13:00	41	8	W	45	75	41	88	3.5	9	F	SSE	35	55	12-16	WIND (1500m):W55	RAIN:< 5%
Nowra	12:00	41	18	SW	15	25	41	79	3.5	10	F	SSE	40	65	11-15	MIX:3200m	LAL:1
Forest (79%)	Area FFDI:99		VH+:78% Hrs:8 Start:10			SEV+:60% Hrs:6 Start:11			EXT+:50% Hrs:5 Start:12			CAT+:7% Hrs:2 Start:12				cHaines:13	
Grass (21%)	Area GFDI:65		VH+:10% Hrs:5 Start:11			SEV+:5% Hrs:4 Start:12			EXT+:0%			CAT+:0%				Rating:Catastrophic	

### Far South Coast [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Moruya	11:00	29	43	S	35	60	31	84	2.5	9	F					WIND (1500m):WNW40	RAIN:10%
Bega	15:00	30	33	SSE	30	45	32	77	4.5	10	F					MIX:1500m	LAL:1
Forest (86%)	Area FFDI:26		VH+:15% Hrs:2 Start:10			SEV+:0%			EXT+:0%			CAT+:0%				cHaines:12	
Grass (14%)	Area GFDI:13		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Very High	

### Monaro Alpine [Severe]

Location	Time	Temp	RH	Wind km/h			MaxT	CUR	Fuel	DF	Max.	Wind Change km/h				District Values	
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		🌀C	%	Dir	Spd	Gust	🌀C	%	t/ha		FDI Fuel	Dir	Spd	Gust	Time	
Cooma	12:00	38	15	W	35	60	38	97	2.5	10	F	SSW	20	30	11-15	WIND (1500m):WNW30 RAIN:10%
Bombala AWS	11:00	32	29	SSW	20	30	32	92	2.0	9	F					MIX:3400m LAL:1
Forest (52%)	Area FFDI:57	VH+:33% Hrs:7 Start:08			SEV+:13% Hrs:3 Start:11			EXT+:0%			CAT+:0%			cHaines:12		
Grass (48%)	Area GFDI:37	VH+:11% Hrs:4 Start:11			SEV+:< 1%			EXT+:0%			CAT+:0%			Rating:Severe		

#### Southern 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		
Goulburn	14:00	42	7	W	45	75	42	93	2.5	10	F	SW	35	55	13-17	WIND (1500m):WNW55	RAIN:10%
Braidwood	12:00	38	14	WNW	40	60	39	97	2.0	9	F	SSE	30	45	12-16	MIX:4700m	LAL:1
Forest (31%)	Area FFDI:104		VH+:33% Hrs:12 Start:08			SEV+:34% Hrs:8 Start:10			EXT+:25% Hrs:6 Start:11			CAT+:7% Hrs:3 Start:13				cHaines:13	
Grass (69%)	Area GFDI:54		VH+:62% Hrs:6 Start:11			SEV+:11% Hrs:4 Start:12			EXT+:0%			CAT+:0%				Rating:Catastrophic	

#### Central Ranges [Extreme]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Orange	14:00	39	8	WNW	35	55	39	92	1.5	9	F	SW	35	50	16-20	WIND (1500m):W40	RAIN:< 5%
Mudgee	15:00	44	6	W	30	45	44	93	1.5	10	F	SSE	25	40	18-22	MIX:5000m	LAL:1
Forest (36%)	Area FFDI:89		VH+:49% Hrs:24 Start:00			SEV+:50% Hrs:10 Start:10			EXT+:38% Hrs:6 Start:12			CAT+:1% Hrs:1 Start:14				cHaines:13	
Grass (64%)	Area GFDI:26		VH+:9% Hrs:6 Start:12			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Extreme	

#### New England [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Armidale	15:00	39	11	SW	15	30	39	88	2.5	10	F					WIND (1500m):SW20	RAIN:< 5%
Tenterfield	16:00	37	15	SW	15	30	37	91	2.0	10	F					MIX:4200m	LAL:0
Forest (50%)	Area FFDI:47		VH+:62% Hrs:10 Start:10			SEV+:2% Hrs:2 Start:13			EXT+:0%			CAT+:0%			cHaines:12		
Grass (50%)	Area GFDI:23		VH+:4% Hrs:2 Start:12			SEV+:0%			EXT+:0%			CAT+:0%			Rating:Very High		

#### Northern Slopes [Severe]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Inverell	14:00	39	12	WSW	20	30	40	92	1.5	10	F					WIND (1500m):WNW25	RAIN:0%
Tamworth	15:00	43	9	W	20	30	43	95	3.0	10	F					MIX:4200m	LAL:0
Forest (20%)	Area FFDI:57		VH+:32% Hrs:14 Start:10			SEV+:10% Hrs:7 Start:13			EXT+:0%			CAT+:0%			cHaines:12		
Grass (80%)	Area GFDI:14		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%			Rating:Severe		

#### North 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		
Moree Coonabarabran	00:00	31	22	NE	25	40	43	97	1.5	10	G					WIND (1500m):WNW30	RAIN:0%
	15:00	42	8	WNW	20	30	43	96	1.5	10	F					MIX:4100m	LAL:0
Forest (15%)	Area FFDI:71		VH+:19% Hrs:24 Start:00			SEV+:18% Hrs:9 Start:11			EXT+:< 1%			CAT+:0%				cHaines:13	
Grass (85%)	Area GFDI:12		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:Severe	

#### Upper Central West Plains [High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Coonamble Airport	09:00	34	19	N	30	45	45	96	1.5	10	G	S	15	30	20-24	WIND (1500m):WNW35	RAIN:0%
																MIX:4700m	LAL:0
Forest (2%)	Area FFDI:76		VH+:3% Hrs:24 Start:00			SEV+:3% Hrs:11 Start:10			EXT+:< 1%			CAT+:0%			cHaines:13		
Grass (98%)	Area GFDI:22		VH+:3% Hrs:1 Start:18			SEV+:0%			EXT+:0%			CAT+:0%			Rating:High		

#### Lower Central West Plains [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Dubbo	13:00	43	8	WNW	30	45	46	91	1.5	10	G	SSW	20	35	18-22	WIND (1500m):WNW40	RAIN:< 5%
Parkes	18:00	39	12	SW	40	60	45	97	1.5	10	G						
Condobolin Airport	14:00	46	5	W	30	50	46	96	1.5	10	G	SW	35	60	13-17		LAL:1
Forest (5%)	Area FFDI:101		VH+:6% Hrs:24 Start:00			SEV+:7% Hrs:11 Start:10			EXT+:7% Hrs:7 Start:12			CAT+:< 1%			cHaines:13		
Grass (95%)	Area GFDI:27		VH+:22% Hrs:5 Start:12			SEV+:0%			EXT+:0%			CAT+:0%			Rating:Very High		

#### Southern Slopes [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		
Young	14:00	43	7	WNW	40	65	43	96	2.0	10	G	SW	40	65	13-17	WIND (1500m):WNW45	RAIN:10%

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Tumbarumba	12:00	38	14	WNW	25	40	38	79	2.0	9	F	SW	15	30	12-16	MIX:4000m	LAL:1
Forest (33%)	Area FFDI:73		VH+:32% Hrs:14 Start:01			SEV+:12% Hrs:8 Start:10			EXT+:3% Hrs:5 Start:11			CAT+:1% Hrs:3 Start:13				cHaines:12	
Grass (67%)	Area GFDI:55		VH+:50% Hrs:8 Start:10			SEV+:12% Hrs:4 Start:12			EXT+:0%			CAT+:0%				Rating:Severe	

Eastern Riverina [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	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	37	18	SW	40	65	41	99	1.5	9	G					WIND (1500m):WSW35	RAIN:5%
Albury Airport	14:00	39	11	SW	30	45	39	91	3.0	10	G					MIX:2900m	LAL:1
Forest (7%)	Area FFDI:62		VH+:9% Hrs:22 Start:00			SEV+:2% Hrs:11 Start:09			EXT+:0%			CAT+:0%				cHaines:12	
Grass (93%)	Area GFDI:28		VH+:14% Hrs:8 Start:11			SEV+:< 1%			EXT+:0%			CAT+:0%				Rating:Very High	

Southern Riverina [Very High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Deniliquin	14:00	35	16	SSW	30	50	35	96	2.0	10	G					WIND (1500m):SW40	RAIN:< 5%
																MIX:1800m	LAL:1
Forest (3%)	Area FFDI:66		VH+:4% Hrs:22 Start:00			SEV+:1% Hrs:7 Start:12			EXT+:< 1%			CAT+:0%				cHaines:11	
Grass (97%)	Area GFDI:33		VH+:25% Hrs:9 Start:11			SEV+:< 1%			EXT+:0%			CAT+:0%				Rating:Very High	

Northern Riverina [High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Hay	16:00	38	9	SSW	30	50	38	100	1.5	10	G					WIND (1500m):SW30	RAIN:< 5%
Griffith	14:00	42	16	SSW	30	50	42	99	1.5	10	G					MIX:3000m	LAL:1
Forest (1%)	Area FFDI:79		VH+:2% Hrs:23 Start:00			SEV+:2% Hrs:8 Start:12			EXT+:< 1%			CAT+:0%				cHaines:13	
Grass (99%)	Area GFDI:20		VH+:< 1%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

South Western [High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Wentworth	17:00	34	13	S	30	50	34	95	1.5	10	G					WIND (1500m):SW30	RAIN:< 5%
																MIX:1700m	LAL:1
Forest (0%)	Area FFDI:57		VH+:< 1%			SEV+:< 1%			EXT+:0%			CAT+:0%				cHaines:11	
Grass (100%)	Area GFDI:19		VH+:0%			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Far Western [High]

Location	Time	Temp ℃	RH %	Wind km/h			MaxT ℃	CUR %	Fuel t/ha	DF	Max. FDI Fuel	Wind Change km/h				District Values	
				Dir	Spd	Gust						Dir	Spd	Gust	Time		
Ivanhoe	17:00	41	13	SSW	35	55	42	95	1.5	10	G					WIND (1500m):SSW25	RAIN:< 5%
Tibooburra	20:00	41	16	S	35	55	45	95	1.5	10	G					MIX:4400m	LAL:1
Cobar	12:00	44	6	WNW	25	45	46	98	1.5	10	G	SSW	30	50	14-18		
Forest (0%)	Area FFDI:76		VH+:< 1%			SEV+:< 1%			EXT+:< 1%			CAT+:0%				cHaines:13	
Grass (100%)	Area GFDI:22		VH+:6% Hrs:1 Start:17			SEV+:0%			EXT+:0%			CAT+:0%				Rating:High	

Notes

The next routine forecast will be issued at 4:15 pm EDT Saturday.

Product derived from IDN10018

[Standard Ratings Form](#)