

Figure S1. Forecast for different models prior fire events (legend indicates model name, given by the 'look forward' window from training). These forecasts pertain to models evaluated on events not included in the training (out-of-sample). A threshold of 0.7 is marked as a reference (dashed gray line).

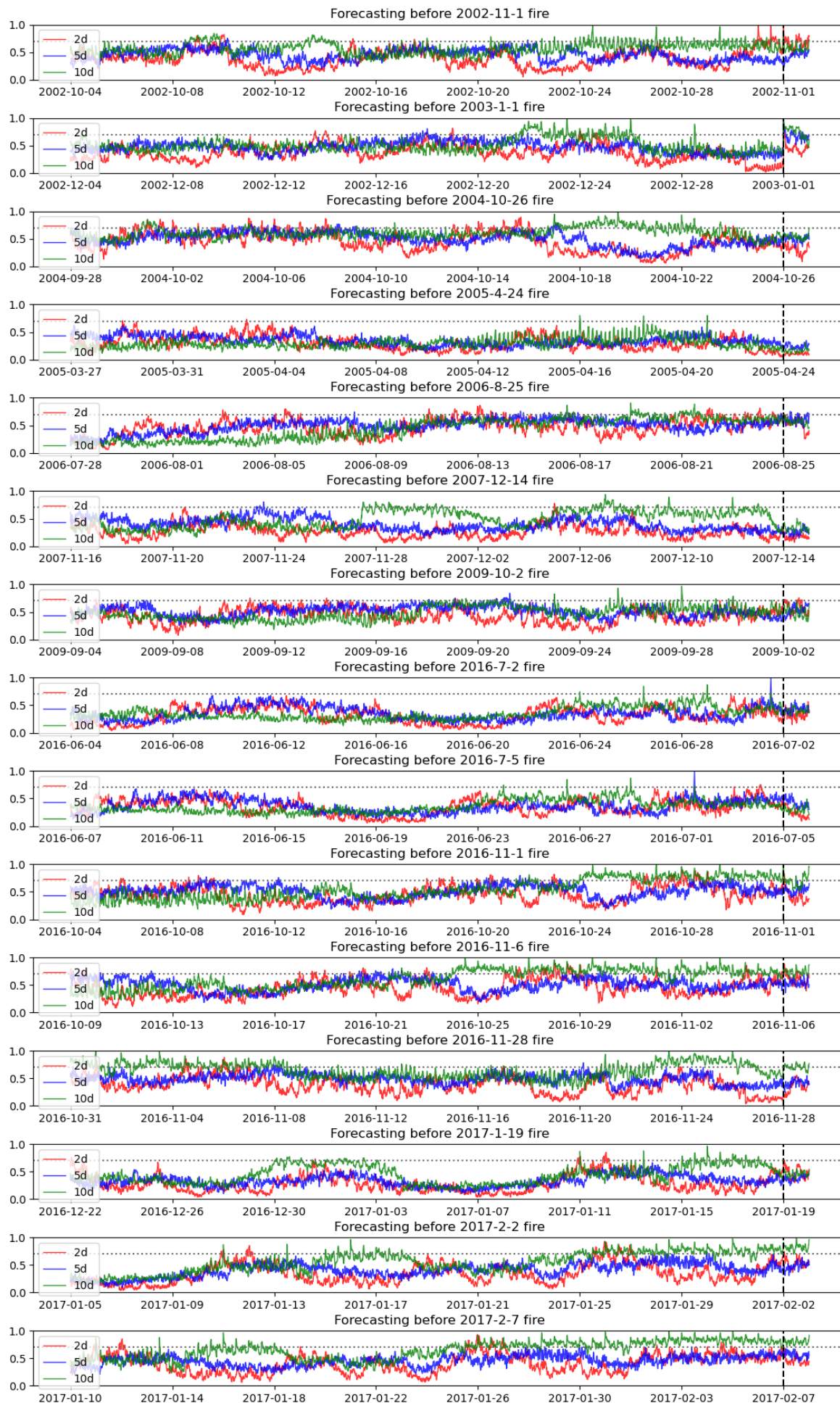


Table S1. Wildfires events catalogue for a radius of 10 km around the Sunshine Coast, Queensland, Australia.

fire name	ignition date	extinguish date	fire type	area ha	state	agency
Noosa National Park/NP/W/2017/001	2017-01-19	2017-03-03	Bushfire	843.1438	QLD (Queensland)	Queensland Parks and Wildlife Service
Noosa National Park/2009/W/1	2009-10-02		Bushfire	206.0443	QLD (Queensland)	Queensland Parks and Wildlife Service
Noosa National Park/2006/W/1	2006-08-25		Bushfire	94.38235	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/2002/W/1	2002-11-01		Bushfire	73.4033	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/007	2016-11-28	2016-12-02	Bushfire	51.52103	QLD (Queensland)	Queensland Parks and Wildlife Service
Noosa National Park/2003/W/1	2003-01-01		Bushfire	16.94324	QLD (Queensland)	Queensland Parks and Wildlife Service
Noosa National Park/2007/W/1	2007-12-14		Bushfire	12.59514	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2017/001	2017-02-02	2017-02-06	Bushfire	2.408892	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2017/002	2017-02-07	2017-02-04	Bushfire	1.902044	QLD (Queensland)	Queensland Parks and Wildlife Service
Noosa National Park/2004/W/3	2004-10-26		Bushfire	0.901474	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/004	2016-11-01	2016-11-12	Bushfire	0.628943	QLD (Queensland)	Queensland Parks and Wildlife Service
Maroochy River Regional Park/2005/W/1	2005-04-24		Bushfire	0.212002	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/005	2016-11-06	2016-11-08	Bushfire	0.051727	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/003	2016-07-02	2016-07-05	Bushfire	0.050941	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/001	2016-07-05	2016-07-05	Bushfire	0.044375	QLD (Queensland)	Queensland Parks and Wildlife Service
Mount Coolum National Park/NP/W/2016/006	2016-11-01	2016-11-06	Bushfire	0.012719	QLD (Queensland)	Queensland Parks and Wildlife Service