

APPENDIX 4: PHOENIX RAPIDFIRE WEATHER PROFILES

This appendix provides information about the weather profiles that were generated for Phoenix modelling. 45 weather stations were used to generate weather profiles. For each weather station, figures were prepared that compare daily observed meteorological conditions to the synthetic aggregate meteorological variables for the site. In these figures, Temperature (°C), wind speed (km/h), average wind direction (arrows showing ° from north), relative humidity (%) and Forest Fire Danger Index (FFDI) values are represented on the Y axis. The X axis represents time in a 24 hour period from 0:00 to 23:59. The first black vertical line on the X axis indicates 13:00, the next indicates 22:00. Fine lines in the data represent observed daily meteorological records. Bold lines represent the synthetic aggregate meteorological variables, used as weather inputs in Phoenix.

3.1 92001 APSLAWN WEATHER STATION

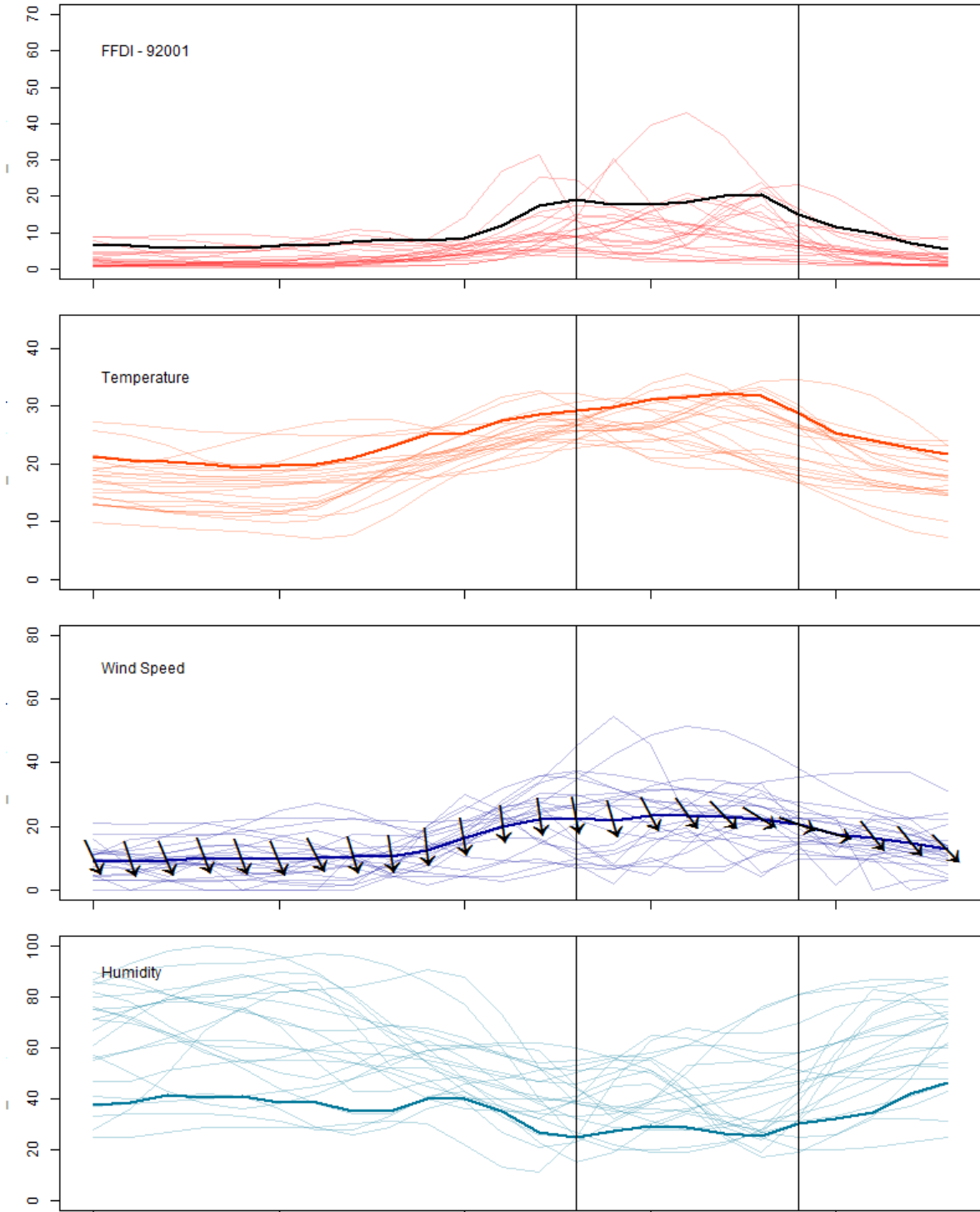


Figure 58: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Applawn Bureau of Meteorology weather station (no. 92001).



Figure 59: Estimated Tasmanian land area represented by the Apslawn (no. 92001) weather station (shown in red), adapted from the BRAM HFI Layer (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 9: PHOENIX Rapidfire weather inputs for ignition points located in the Apslawn (no. 92001) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	29.3	25	349	23	8	80	2
14:00	29.9	27.3	344	22	8	80	31
15:00	31.1	29.2	332	23	8	80	27
16:00	31.6	28.9	324	23	8	80	27
17:00	32.2	26.5	316	23	8	80	17
18:00	31.7	25.3	302	22	8	80	0
19:00	28.8	30.2	289	21	8	80	0
20:00	25.2	32.2	286	17	8	80	0
21:00	24	34.5	322	16	8	80	0
22:00	22.8	42.1	321	15	8	80	0

3.2 92003 BICHENO COUNCIL DEPOT WEATHER STATION

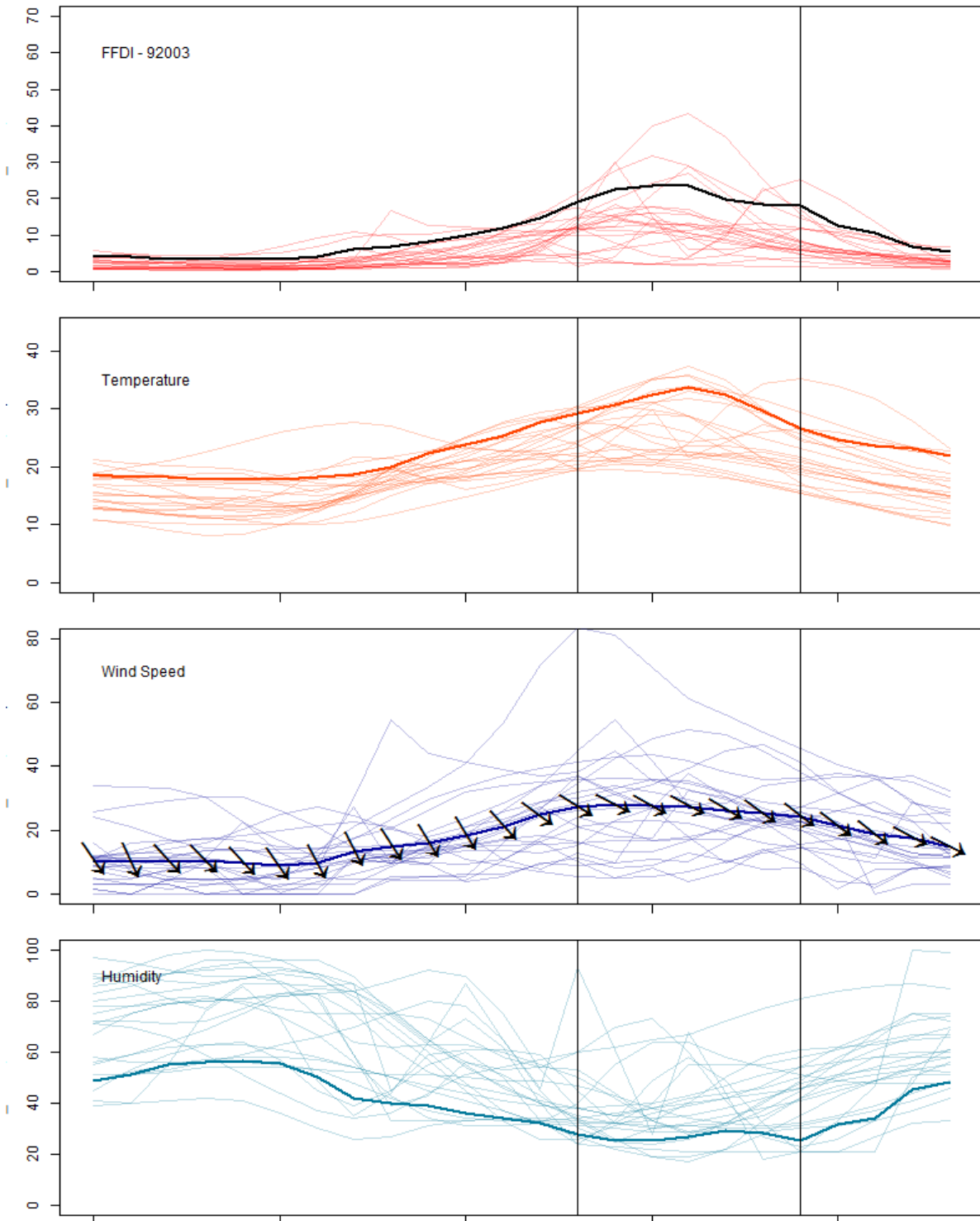


Figure 60: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Bicheno council depot Bureau of Meteorology weather station (no. 92003).



Figure 61: Estimated Tasmanian land area represented by the Bicheno council depot (no. 92003) weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 10: PHOENIX Rapidfire weather inputs for ignition points located in the Bicheno (no. 92003) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	29.1	27.9	302	27	8	80	0
14:00	30.7	25.3	298	28	8	80	12
15:00	32.4	25.2	299	28	8	80	28
16:00	33.7	26.6	298	27	8	80	31
17:00	32.4	29.3	301	26	8	80	21
18:00	29.7	28.3	306	26	8	80	0
19:00	26.7	25.1	308	24	8	80	0
20:00	24.7	31.6	307	21	8	80	0
21:00	23.7	34.2	308	19	8	80	0
22:00	23.2	45.2	298	18	8	80	0

3.3 91009 BURNIE (ROUND HILL) WEATHER STATION

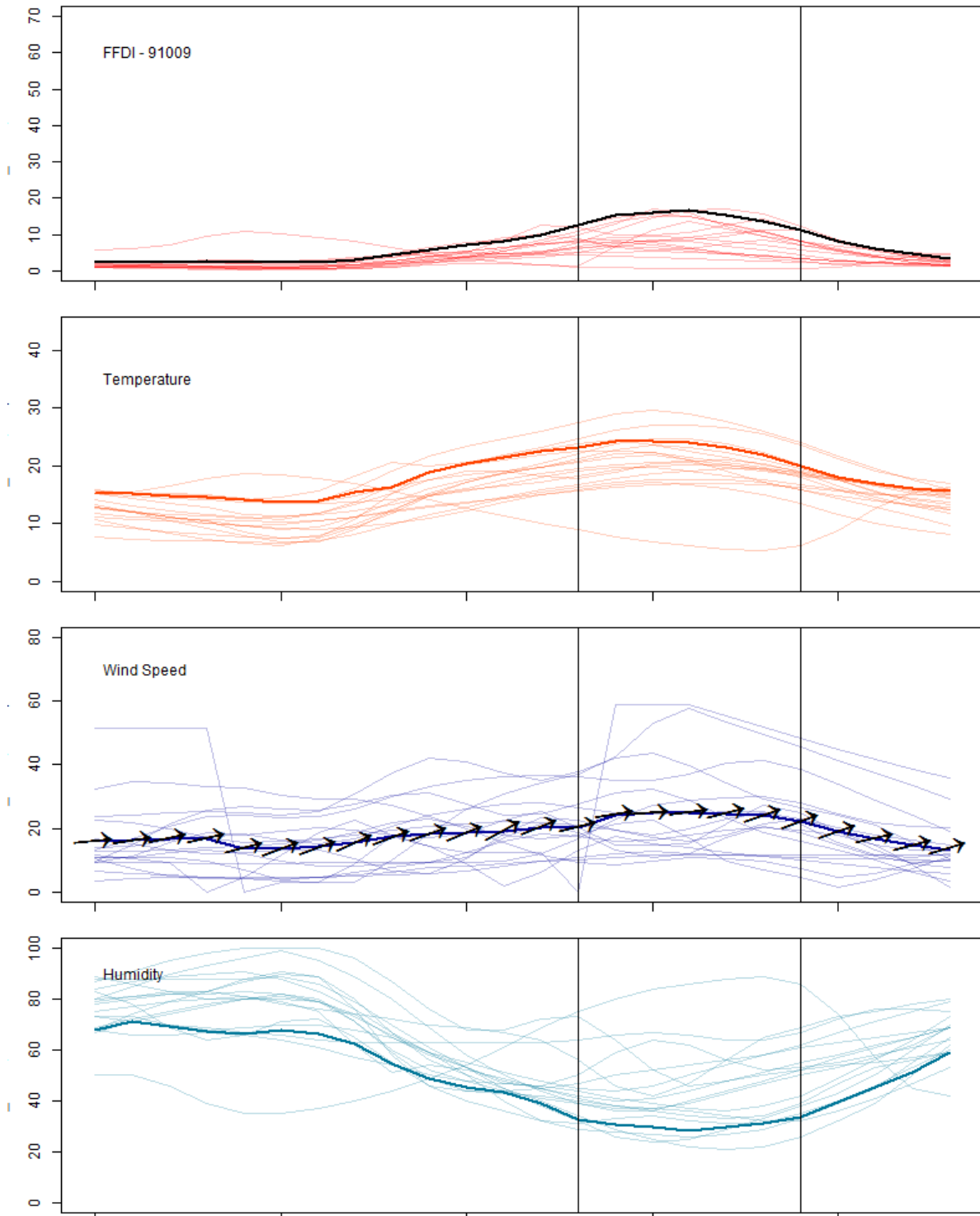


Figure 62: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Burnie (Round Hill) Bureau of Meteorology weather station (no. 91009).



Figure 63: Estimated Tasmanian land area represented by the Burnie (no. 91009) weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 11: PHOENIX Rapidfire weather inputs for ignition points located in the Burnie weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	23.3	32.8	256	20	8.9	89	0
14:00	24.2	30.6	261	24	8.9	89	3
15:00	24.3	29.8	266	25	8.9	89	1
16:00	24.1	28.4	263	25	8.9	89	3
17:00	23.2	29.8	256	25	8.9	89	4
18:00	21.8	31.4	251	24	8.9	89	0
19:00	20	33.8	249	22	8.9	89	0
20:00	17.9	39.4	251	19	8.9	89	0
21:00	16.9	45.4	257	17	8.9	89	0
22:00	16.1	51.2	255	15	8.9	89	0

3.4 95003 BUSHY PARK WEATHER STATION

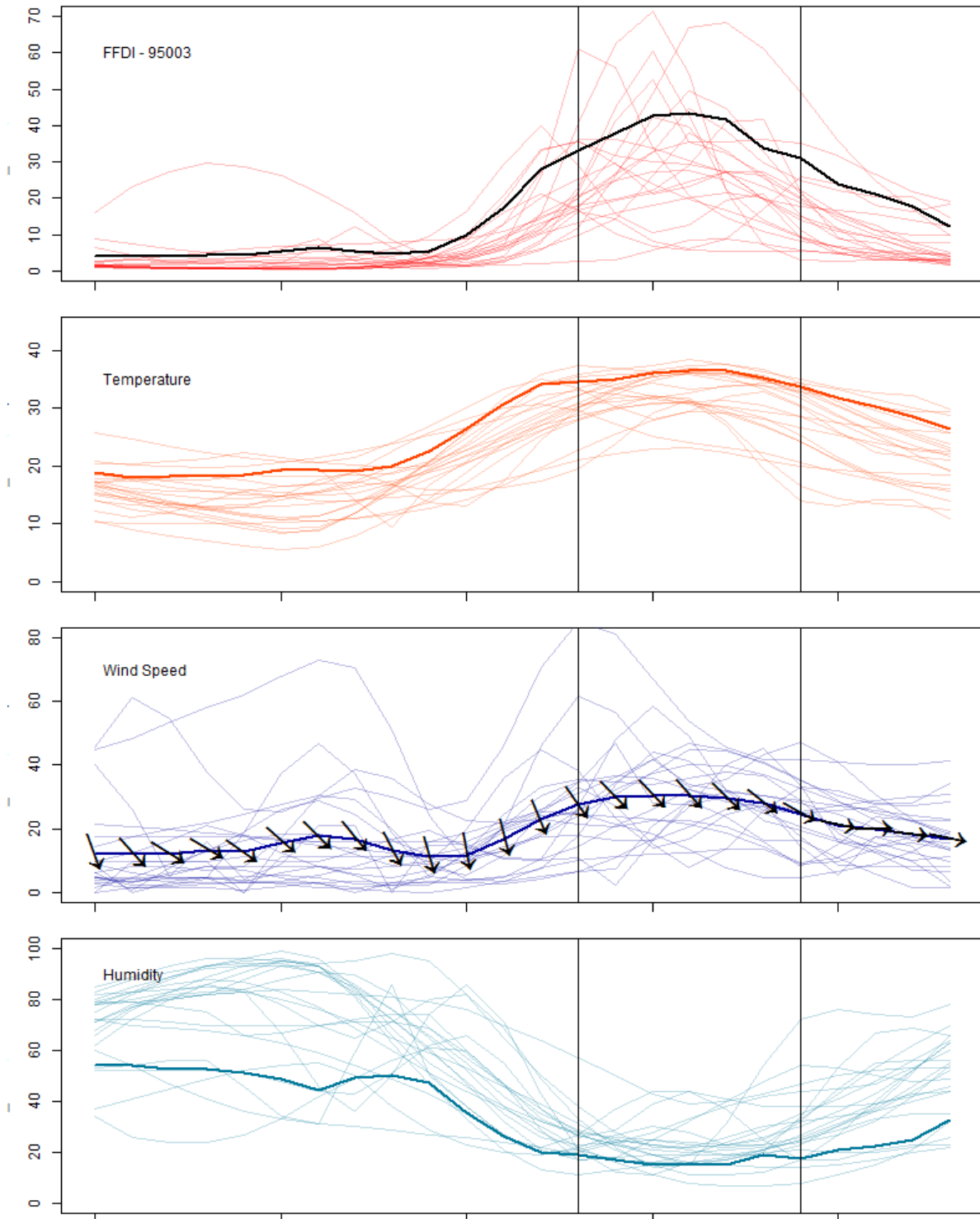


Figure 64: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Bushy Park Bureau of Meteorology weather station (no. 95003).



Figure 65: Estimated Tasmanian land area represented by the Bushy Park no. 95003 Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 12: PHOENIX Rapidfire weather inputs for ignition points located in the Bushy Park weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34.6	19.2	325	28	8.3	83	0
14:00	35	17	316	30	8.3	83	0
15:00	36.1	15	317	31	8.3	83	0
16:00	36.6	15	319	30	8.3	83	0
17:00	36.4	15.3	314	30	8.3	83	0
18:00	35.2	19.2	308	28	8.3	83	0
19:00	33.6	17.6	299	25	8.3	83	0
20:00	31.8	21.1	282	21	8.3	83	0
21:00	30.3	22.7	269	20	8.3	83	0
22:00	28.6	24.8	277	18	8.3	83	0

3.5 94009 CAMPANIA WEATHER STATION

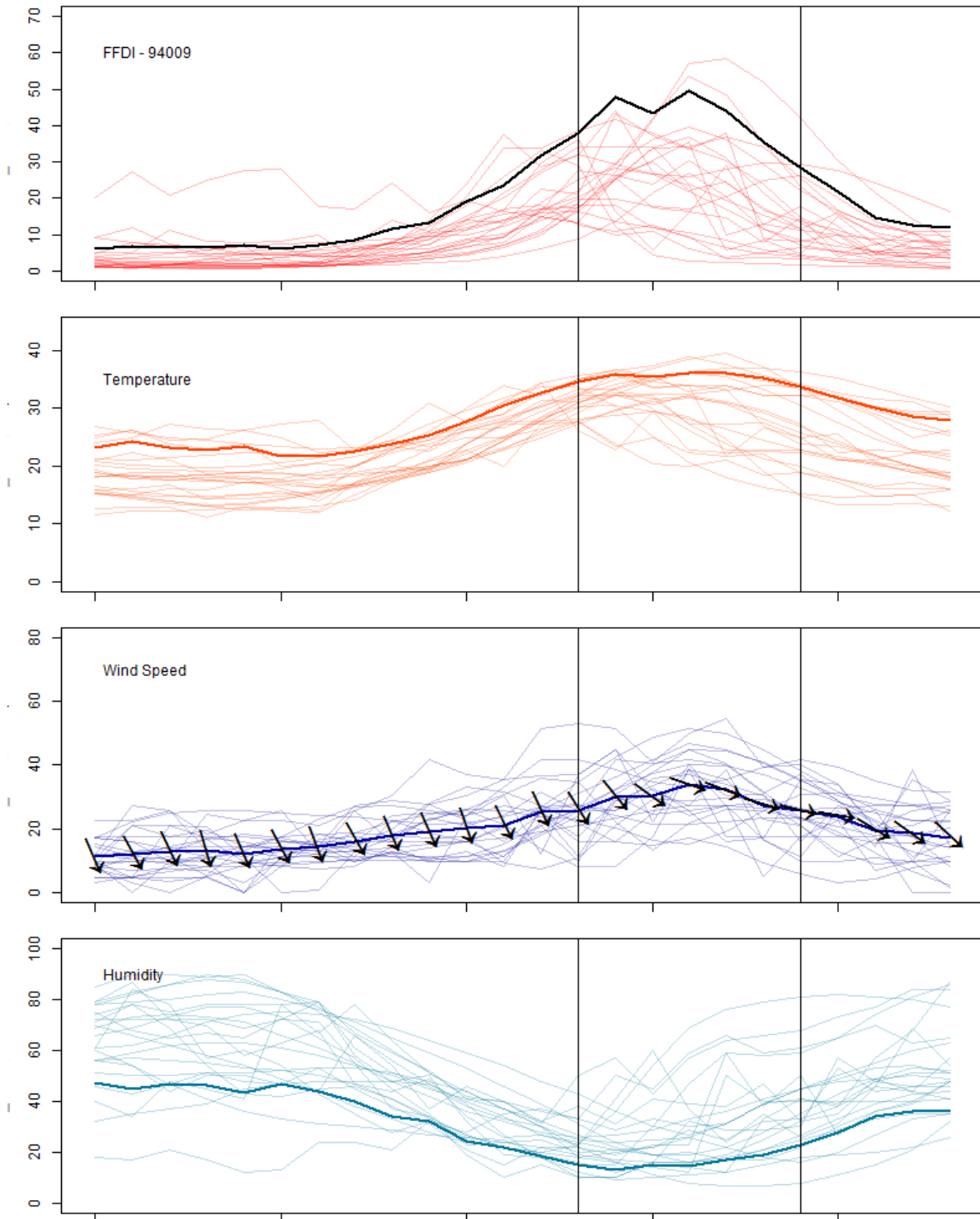


Figure 66: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Campania Bureau of Meteorology weather station (no. 94009).



Figure 67: Estimated Tasmanian land area represented by the Campania no. 95003 Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 13: PHOENIX Rapidfire weather inputs for ignition points located in the Campania weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34.6	15.3	328	26	8.8	88	0
14:00	35.9	12.9	321	30	8.8	88	0
15:00	35.4	15.3	306	30	8.8	88	0
16:00	36.1	14.6	289	34	8.8	88	0
17:00	36.1	17	291	32	8.8	88	0
18:00	35.1	18.9	287	27	8.8	88	0
19:00	33.6	22.9	284	26	8.8	88	0
20:00	31.8	27.6	280	24	8.8	88	0
21:00	30	33.9	301	19	8.8	88	0
22:00	28.6	36.2	306	19	8.8	88	0

3.6 94010 CAPE BRUNY LIGHTHOUSE WEATHER STATION

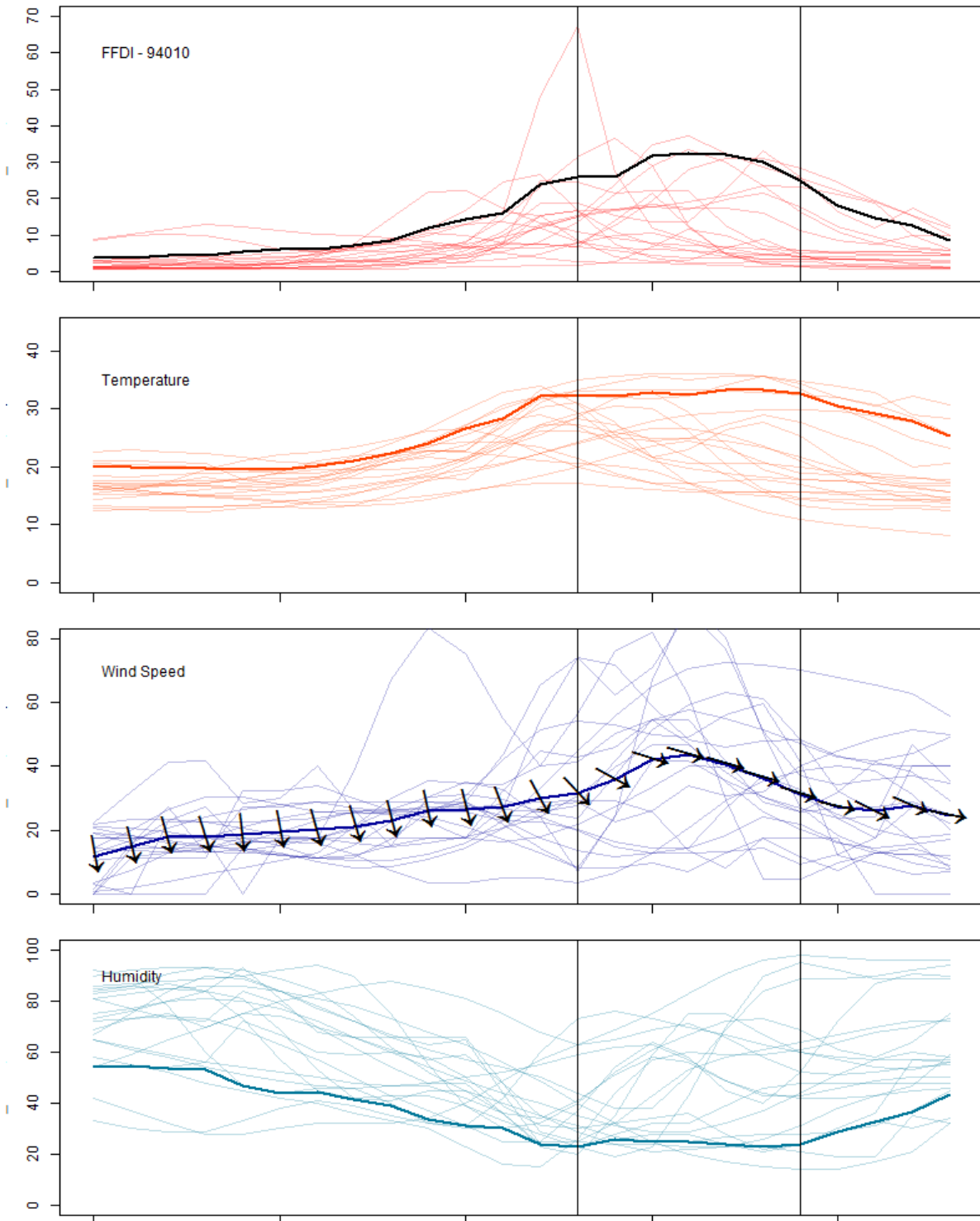


Figure 68: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Cape Bruny Lighthouse Bureau of Meteorology weather station (no. 94010).



Figure 69: Estimated Tasmanian land area represented by the Cape Bruny Lighthouse no. 95003 Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 14: PHOENIX Rapidfire weather inputs for ignition points located in the Cape Bruny Lighthouse weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.4	23	317	32	7.4	74	7.65
14:00	32.2	25.7	299	36	7.4	74	21.85
15:00	32.9	24.9	288	42	7.4	74	22.95
16:00	32.4	24.7	286	44	7.4	74	0
17:00	33.3	23.9	286	41	7.4	74	0
18:00	33.2	22.9	287	36	7.4	74	0
19:00	32.6	24	287	31	7.4	74	0
20:00	30.6	29	283	27	7.4	74	0
21:00	29.1	32.7	296	26	7.4	74	0
22:00	27.9	36.7	293	28	7.4	74	0

3.7 91011 CAPE GRIM (WOOLNORTH) WEATHER STATION

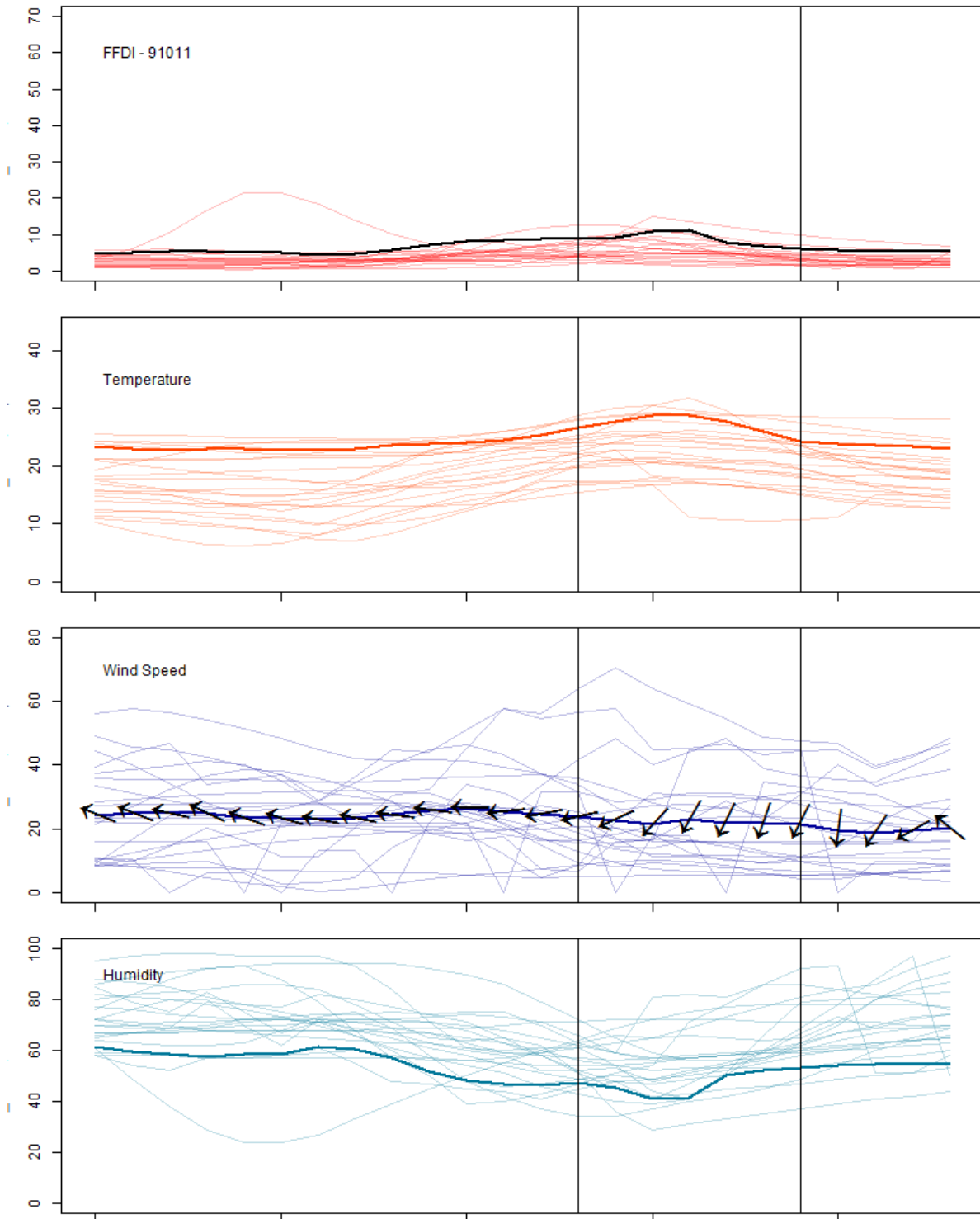


Figure 70: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Cape Grim Bureau of Meteorology weather station (no. 91011).



Figure 71: Estimated Tasmanian land area represented by the Cape Grim (no. 91011) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 15: PHOENIX Rapidfire weather inputs for ignition points located in the Cape Grim (no. 91011) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	26.6	47.3	77	24	8.3	83	0
14:00	27.6	45.5	65	23	8.3	83	0
15:00	28.8	41.2	43	22	8.3	83	15.05
16:00	28.7	41.3	29	23	8.3	83	0
17:00	27.7	50	26	22	8.3	83	0
18:00	25.9	52.2	19	22	8.3	83	1.65
19:00	24.2	53	27	22	8.3	83	2.25
20:00	23.9	54.2	7	20	8.3	83	0
21:00	23.6	54.5	33	19	8.3	83	0
22:00	23.3	54.6	61	19	8.3	83	0

3.8 91022 CRESSY RESEARCH STATION WEATHER STATION

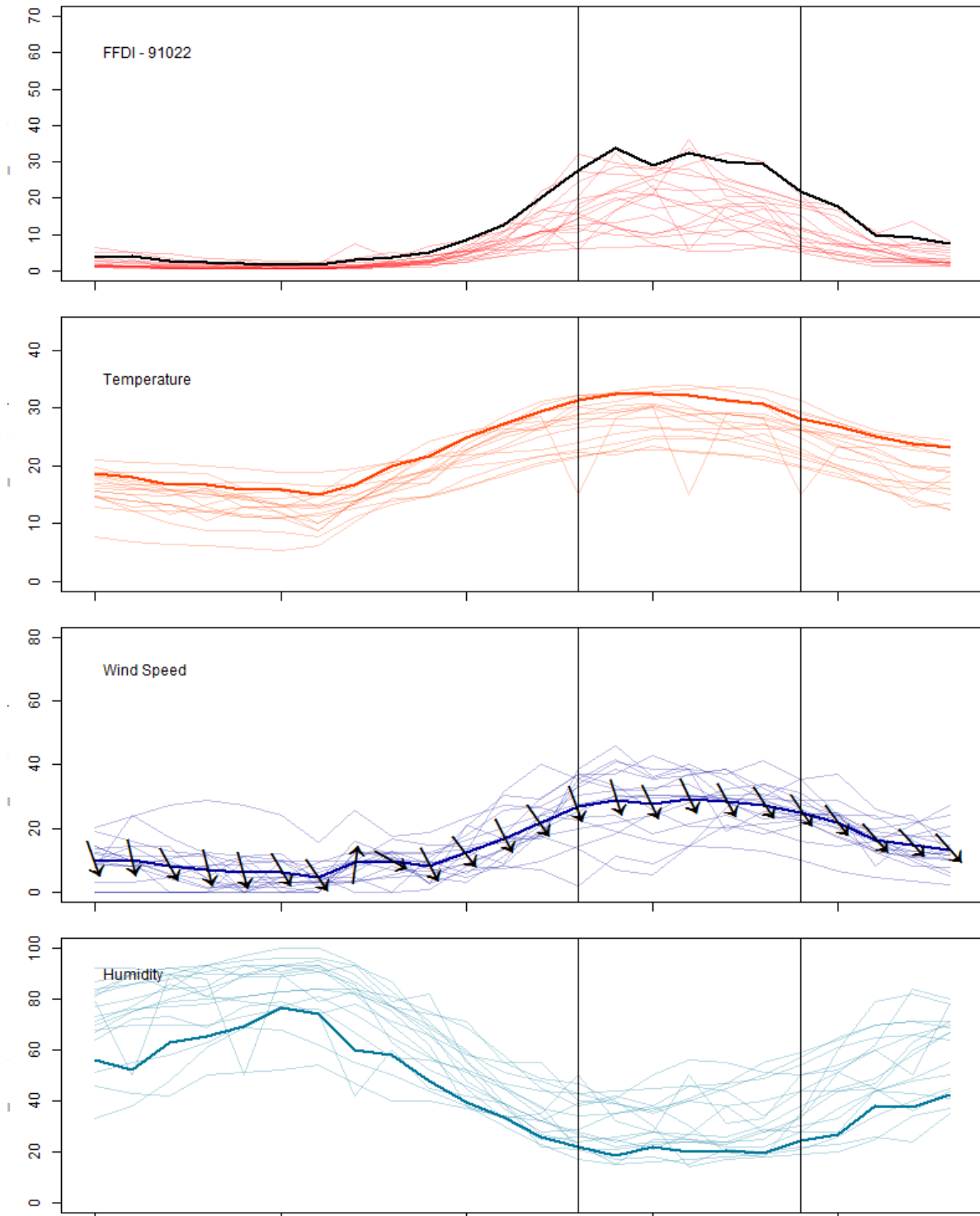


Figure 72: Comparison of daily meteorological records and synthetic aggregate meteorological variables for Cressy Research Station weather station (no. 91022).



Figure 73: Estimated Tasmanian land area represented by the Cressy Research Station (no. 91022) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 16: PHOENIX Rapidfire weather inputs for ignition points located in the Cressy Research Station (no. 91022) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	31.4	21.8	340	27	8.8	88	0
14:00	32.4	18.6	343	29	8.8	88	0
15:00	32.5	21.8	334	28	8.8	88	0
16:00	32.2	19.8	335	29	8.8	88	0
17:00	31.4	20.4	332	28	8.8	88	0
18:00	30.6	19.4	327	27	8.8	88	0
19:00	28.2	24.4	326	25	8.8	88	0
20:00	26.7	26.8	323	22	8.8	88	0
21:00	25	38	319	16	8.8	88	0
22:00	23.7	37.6	317	15	8.8	88	0

3.9 98001 CURRIE WEATHER STATION

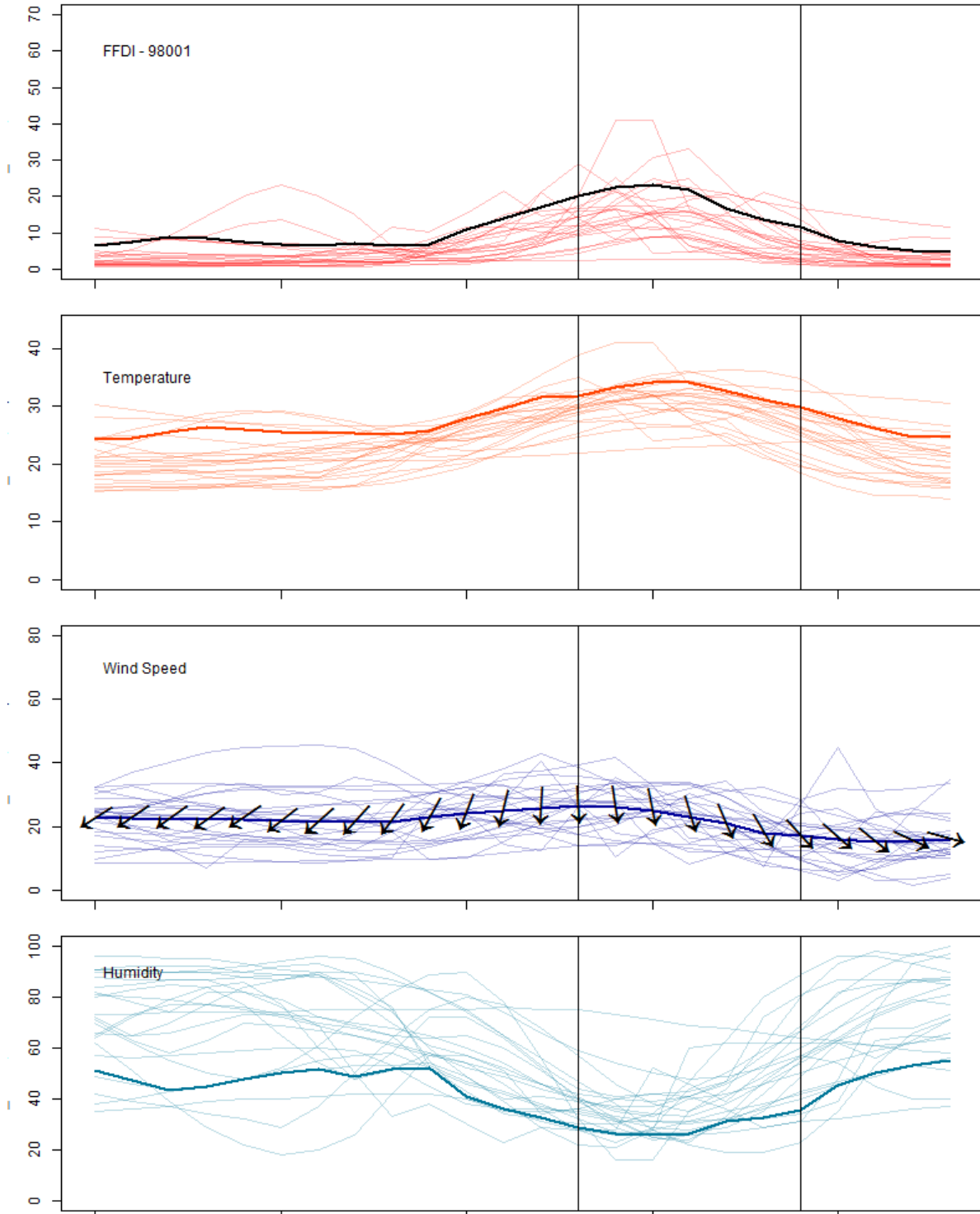


Figure 74: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Currie weather station (no. 98001).

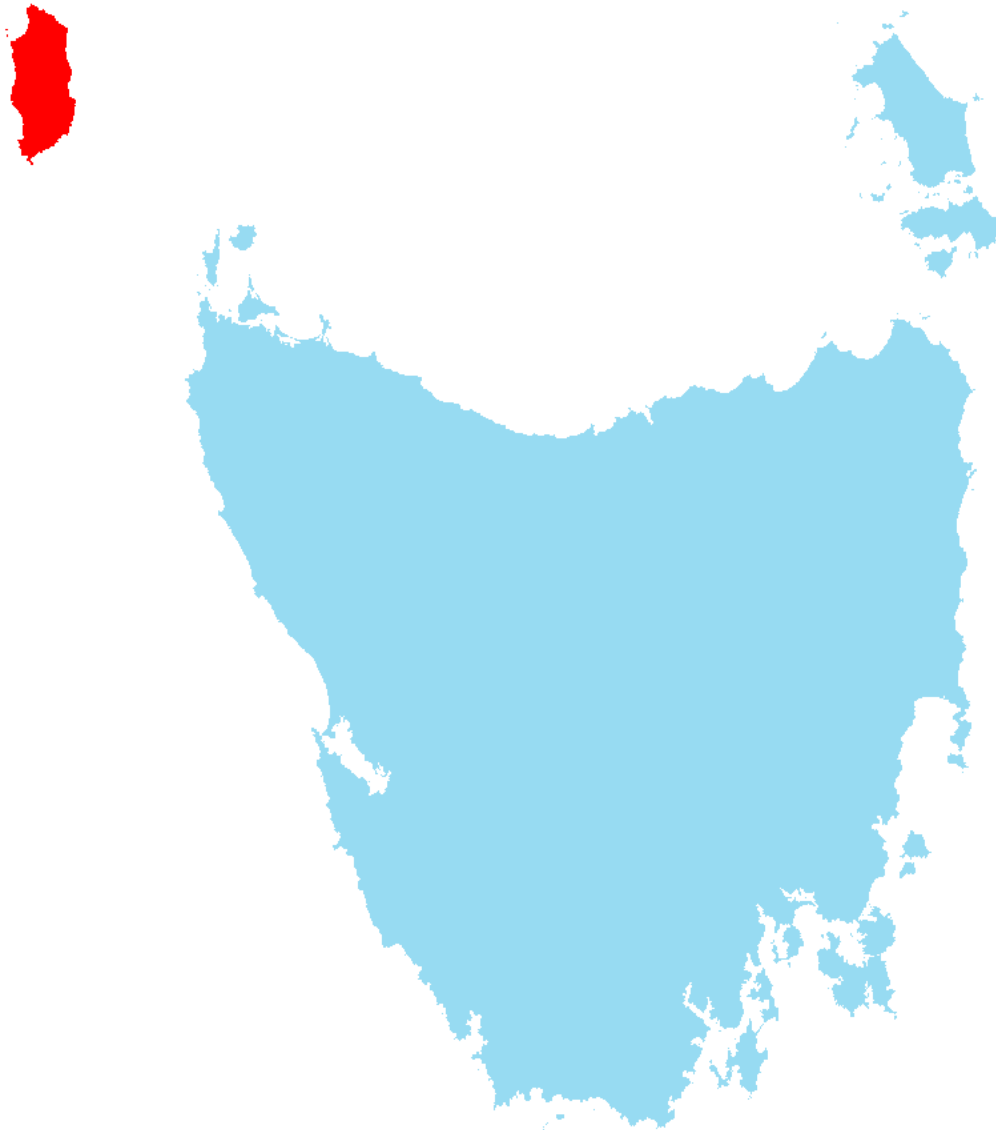


Figure 75: Estimated Tasmanian land area represented by the Currie (no. 98001) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 17: PHOENIX Rapidfire weather inputs for ignition points located in the Currie (no. 98001) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	31.9	28.6	357	26	7.9	79	0
14:00	33.4	26.3	352	26	7.9	79	0
15:00	34.2	25.6	349	25	7.9	79	0
16:00	34.2	26.3	344	23	7.9	79	0
17:00	32.6	31	337	21	7.9	79	0
18:00	31	32.9	330	18	7.9	79	0
19:00	29.8	35.8	318	17	7.9	79	0
20:00	27.9	45.3	311	16	7.9	79	0
21:00	26.3	50	309	15	7.9	79	0
22:00	24.7	53	295	15	7.9	79	0

3.10 91126 DEVONPORT AIRPORT WEATHER STATION

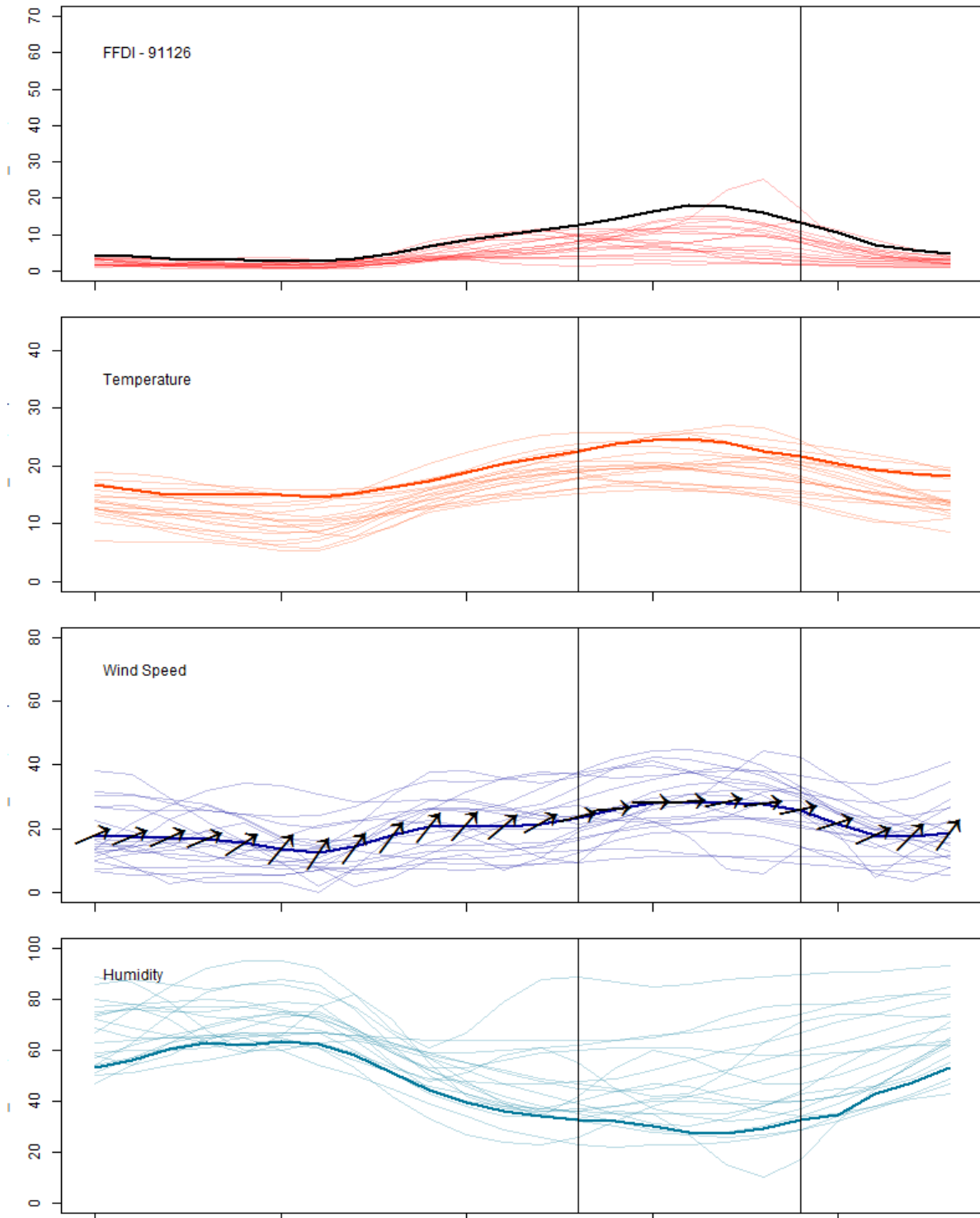


Figure 76: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Devonport Airport weather station (no. 91126).



Figure 77: Estimated Tasmanian land area represented by the Devonport Airport (no. 91126) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 18: PHOENIX Rapidfire weather inputs for ignition points located in the Devonport Airport (no.91126) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	22.6	32.7	256	23	8.5	85	28.1
14:00	23.8	32	265	26	8.5	85	30.1
15:00	24.6	30.4	269	28	8.5	85	31
16:00	24.6	27.7	266	28	8.5	85	31
17:00	24	27.4	258	28	8.5	85	31
18:00	22.6	29.1	263	28	8.5	85	5.6
19:00	21.8	32.5	258	26	8.5	85	30.7
20:00	20.4	34.7	253	22	8.5	85	30.4
21:00	19.2	42.9	246	18	8.5	85	0
22:00	18.8	47.2	225	18	8.5	85	30

3.11 94020 DOVER WEATHER STATION

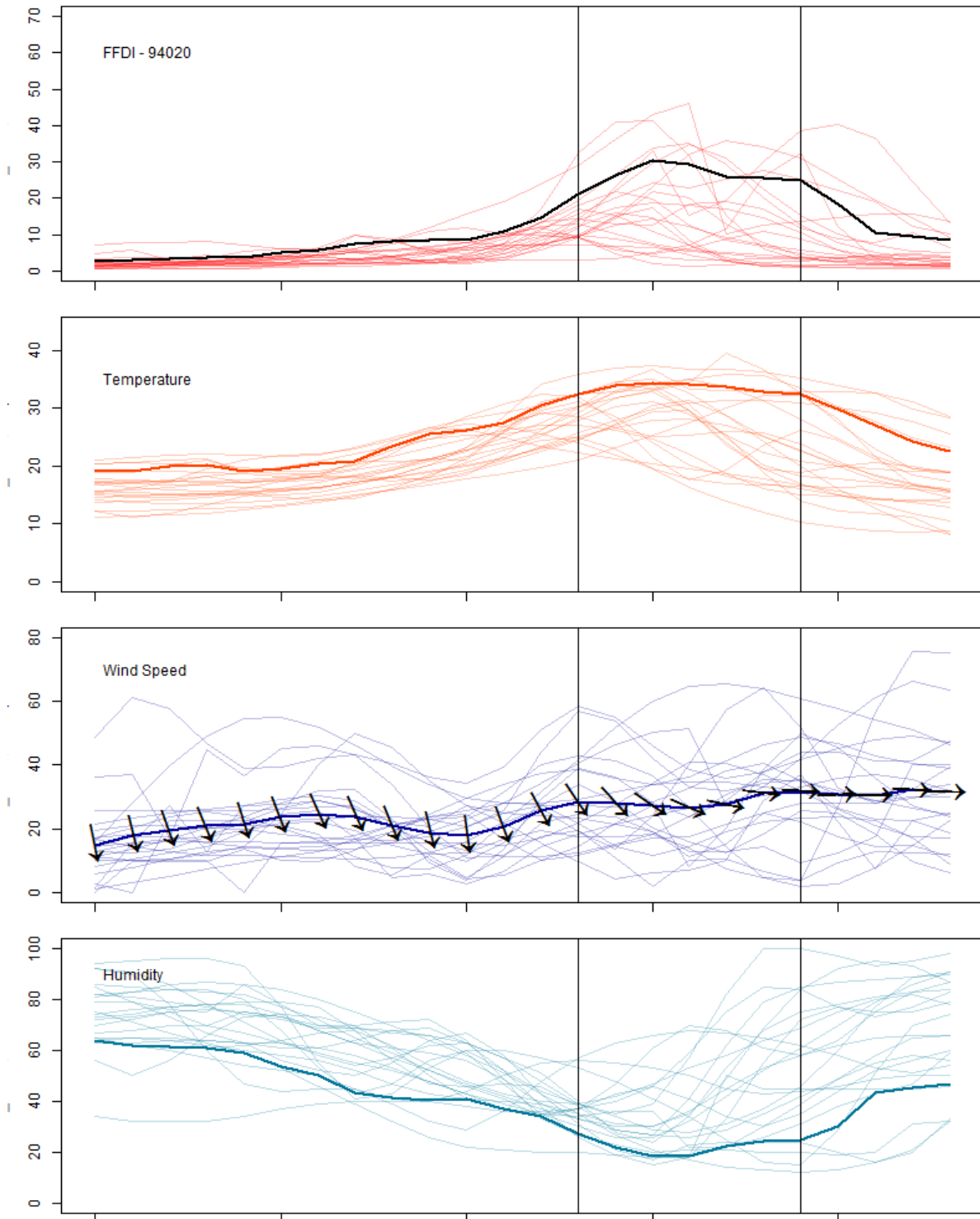


Figure 78: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Dover weather station (no. 94020).



Figure 79: Estimated Tasmanian land area represented by the Dover (no. 94020) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 19: PHOENIX Rapidfire weather inputs for ignition points located in the Dover (no.94020) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.4	27.5	326	28	7.6	76	0
14:00	33.8	22.2	318	28	7.6	76	0
15:00	34.4	18.3	305	27	7.6	76	0
16:00	34.2	18.5	294	27	7.6	76	0
17:00	33.7	22.3	282	28	7.6	76	0
18:00	32.8	24.3	277	31	7.6	76	0
19:00	32.5	25.1	273	32	7.6	76	0
20:00	29.8	30.4	267	31	7.6	76	0
21:00	27.1	43.3	270	30	7.6	76	0
22:00	24.2	45.3	273	32	7.6	76	0

3.12 92045 EDDYSTONE POINT WEATHER STATION

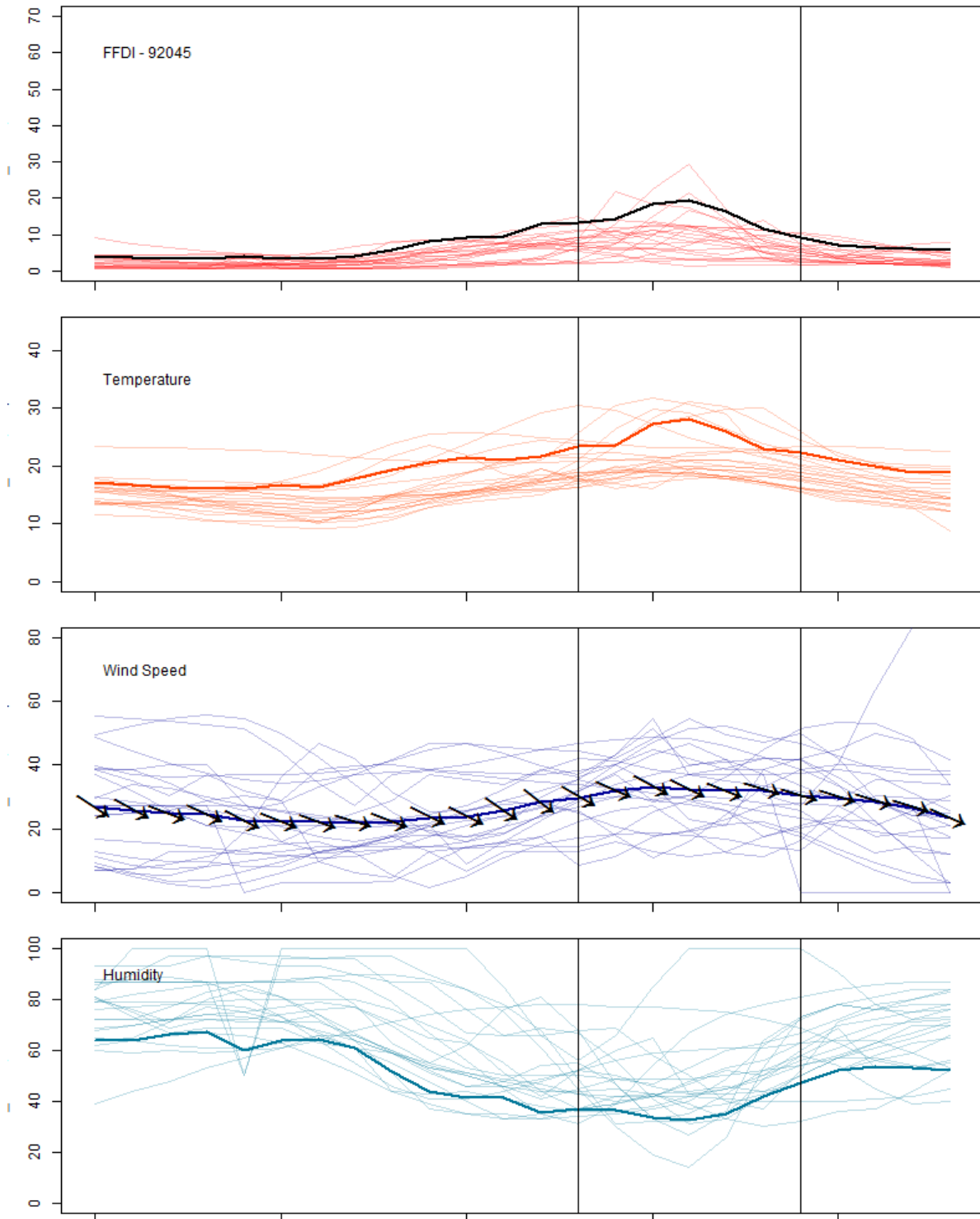


Figure 80: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Eddystone Point weather station (no. 92045).

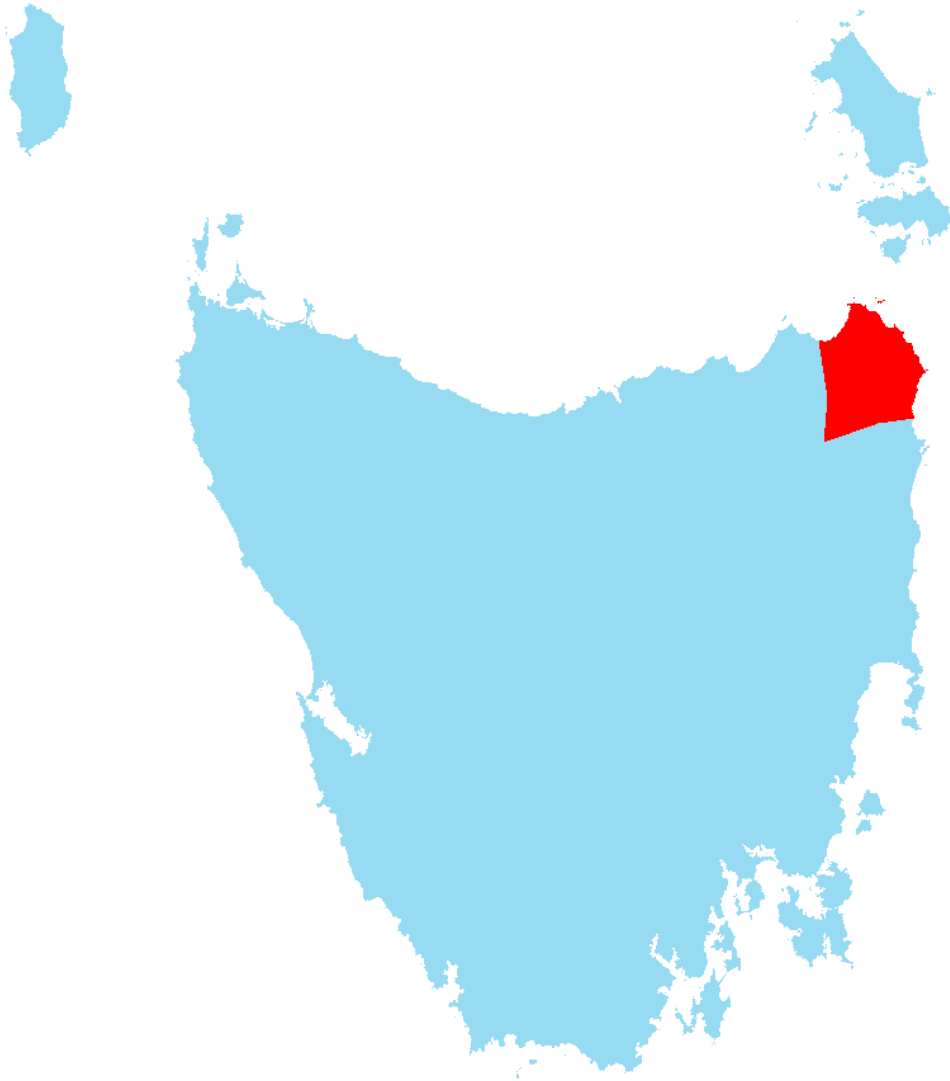


Figure 81: Estimated Tasmanian land area represented by the Eddystone Point (no. 92045) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 20: PHOENIX Rapidfire weather inputs for ignition points located in the Eddystone Point (no.92045) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	23.5	37	300	30	8.7	87	0
14:00	23.7	36.5	294	32	8.7	87	0
15:00	27.3	33.6	298	33	8.7	87	0
16:00	28.1	32.5	296	32	8.7	87	3.6
17:00	25.9	35.2	292	32	8.7	87	0
18:00	22.9	42.2	287	32	8.7	87	0
19:00	22.3	47.5	287	30	8.7	87	0
20:00	21	52.3	288	30	8.7	87	0
21:00	19.9	53.5	287	28	8.7	87	0
22:00	18.9	53	287	27	8.7	87	0

3.13 91074 EDITH CREEK WEATHER STATION

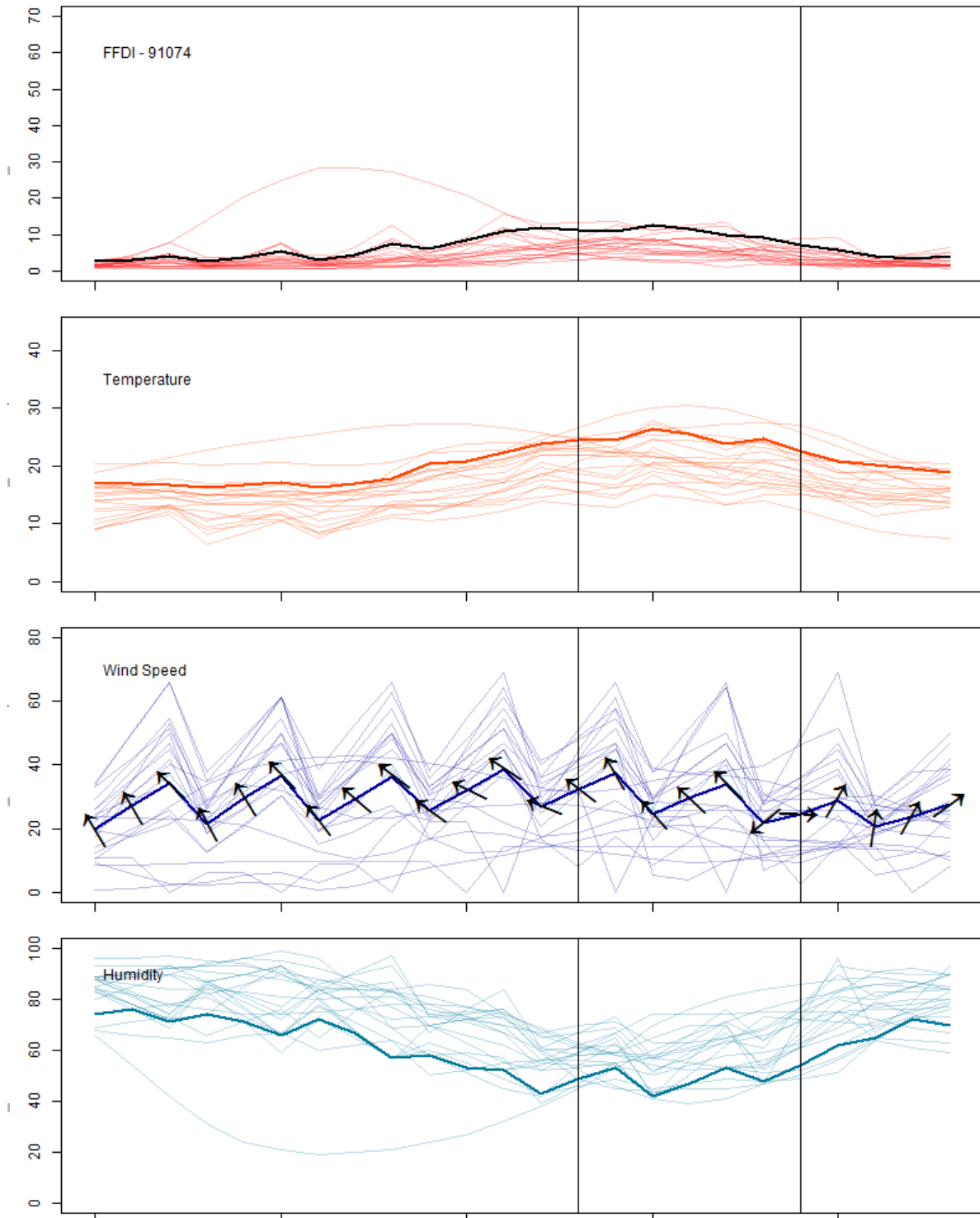


Figure 82: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Edith Creek weather station (no. 91074).

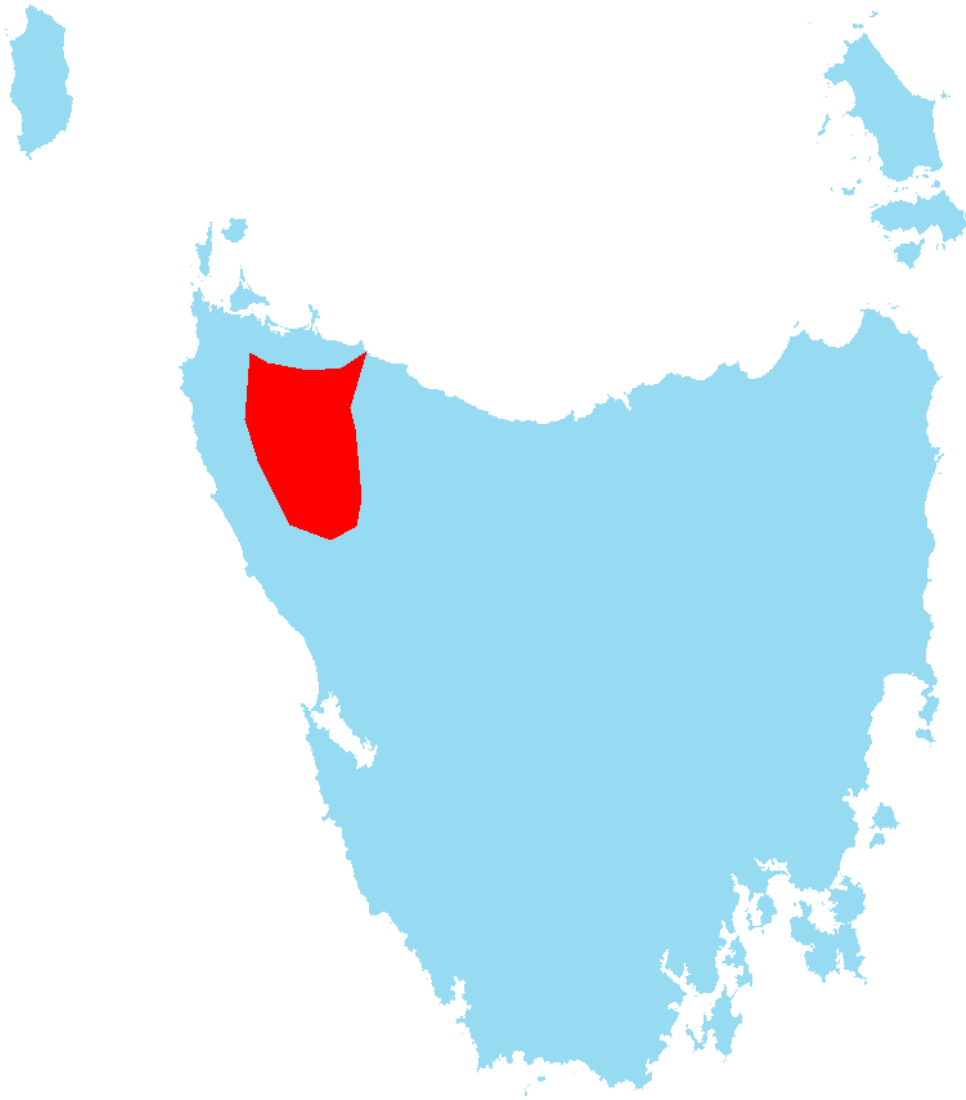


Figure 83: Estimated Tasmanian land area represented by the Edith Creek (no. 91074) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 21: PHOENIX Rapidfire weather inputs for ignition points located in the Edith Creek (no.91074) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	24.4	49	128	32	10	100	0
14:00	24.4	53	150	38	10	100	0
15:00	26.4	42	139	24	10	100	0
16:00	25.5	47	133	30	10	100	0
17:00	23.9	53	135	34	10	100	0
18:00	24.6	48	50	22	10	100	0
19:00	22.5	54	273	25	10	100	0
20:00	20.9	62	210	29	10	100	0
21:00	20.2	65	189	21	10	100	0
22:00	19.4	72	209	24	10	100	0

3.14 92012 FINGAL (LEGGI STREET) WEATHER STATION

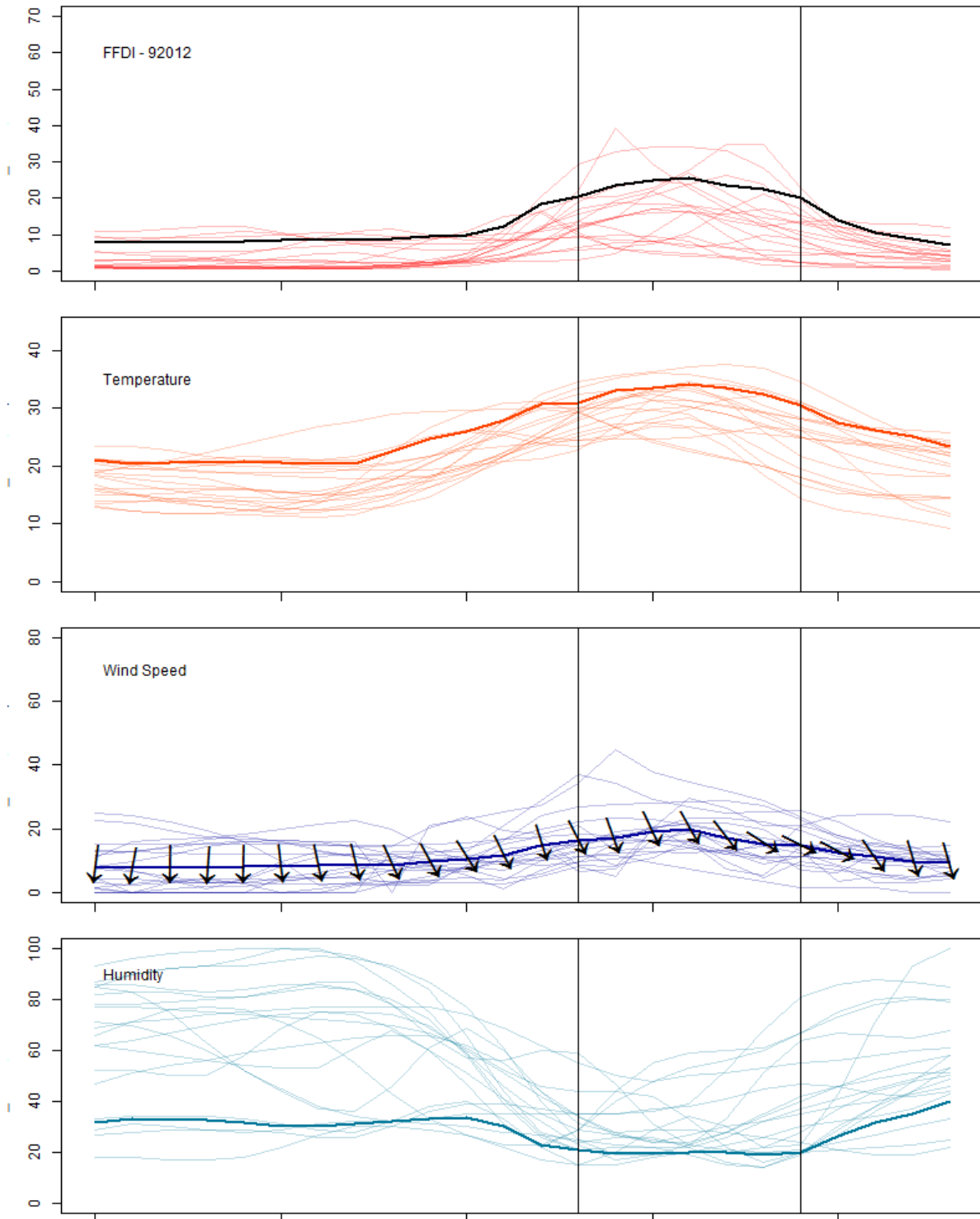


Figure 84: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Fingal (Legge Street) weather station (no. 92012).

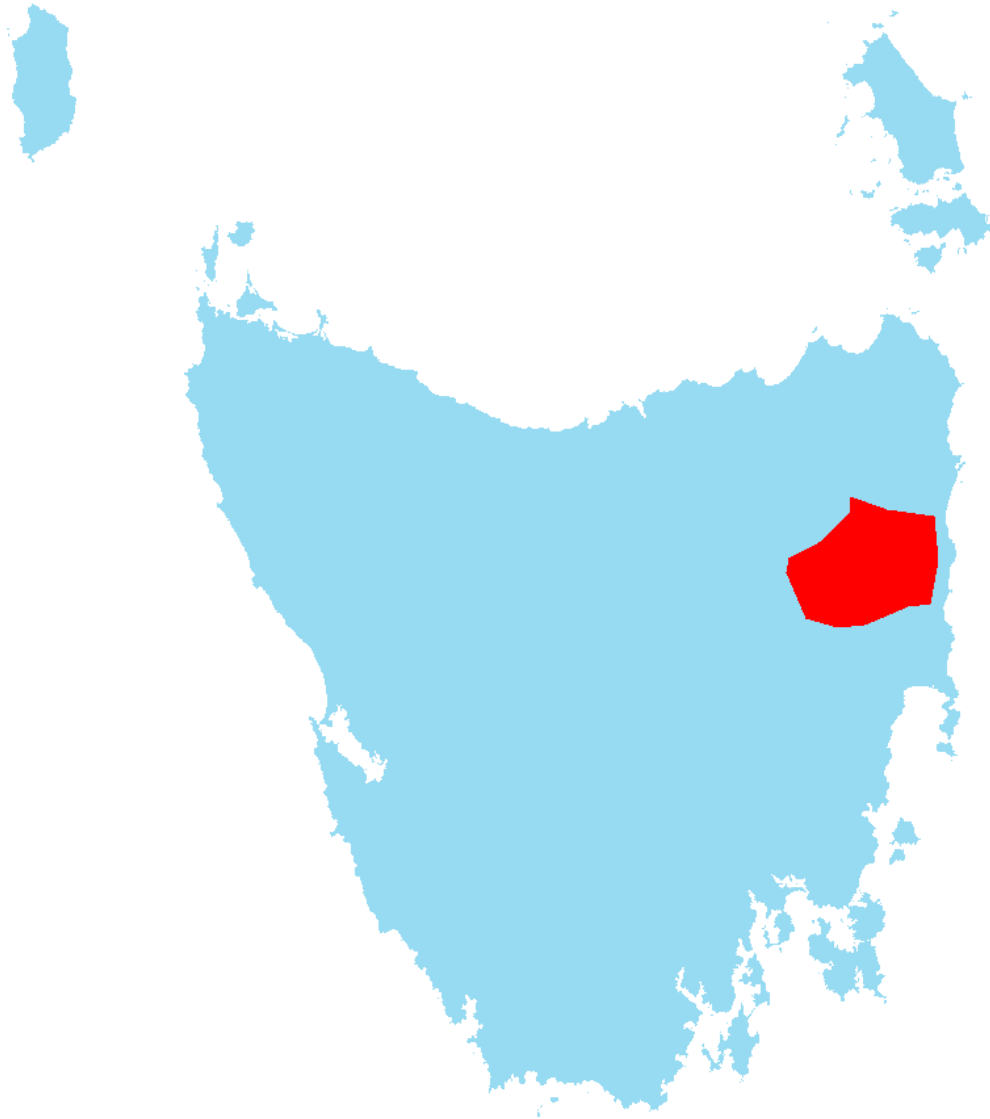


Figure 85: Estimated Tasmanian land area represented by the Fingal (Legge Street) (no. 92012) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 22: PHOENIX Rapidfire weather inputs for ignition points located in the Fingal (Legge Street) (no.92012) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.8	21	333	16	8.2	82	0
14:00	33.2	19.7	340	17	8.2	82	5
15:00	33.5	19.7	335	19	8.2	82	9.9
16:00	34.2	20	331	20	8.2	82	7.1
17:00	33.5	20	322	17	8.2	82	4.7
18:00	32.5	18.8	303	15	8.2	82	0
19:00	30.5	20	296	15	8.2	82	0
20:00	27.6	26.1	298	13	8.2	82	0
21:00	26.1	31.9	326	11	8.2	82	0
22:00	25	34.9	343	10	8.2	82	0

3.15 99005 FLINDERS ISLAND AIRPORT WEATHER STATION

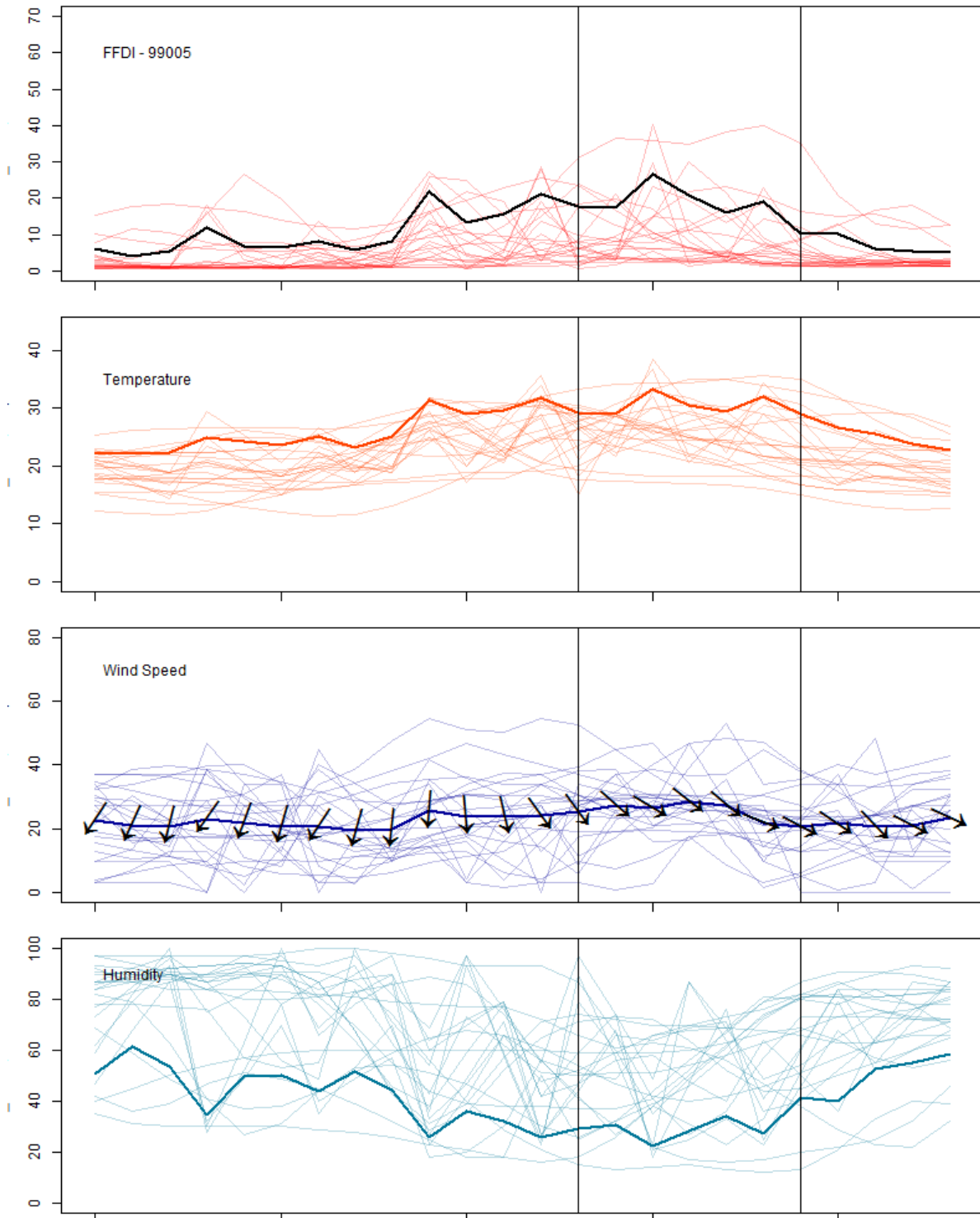


Figure 86: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Flinders Island Airport weather station (no. 99005).

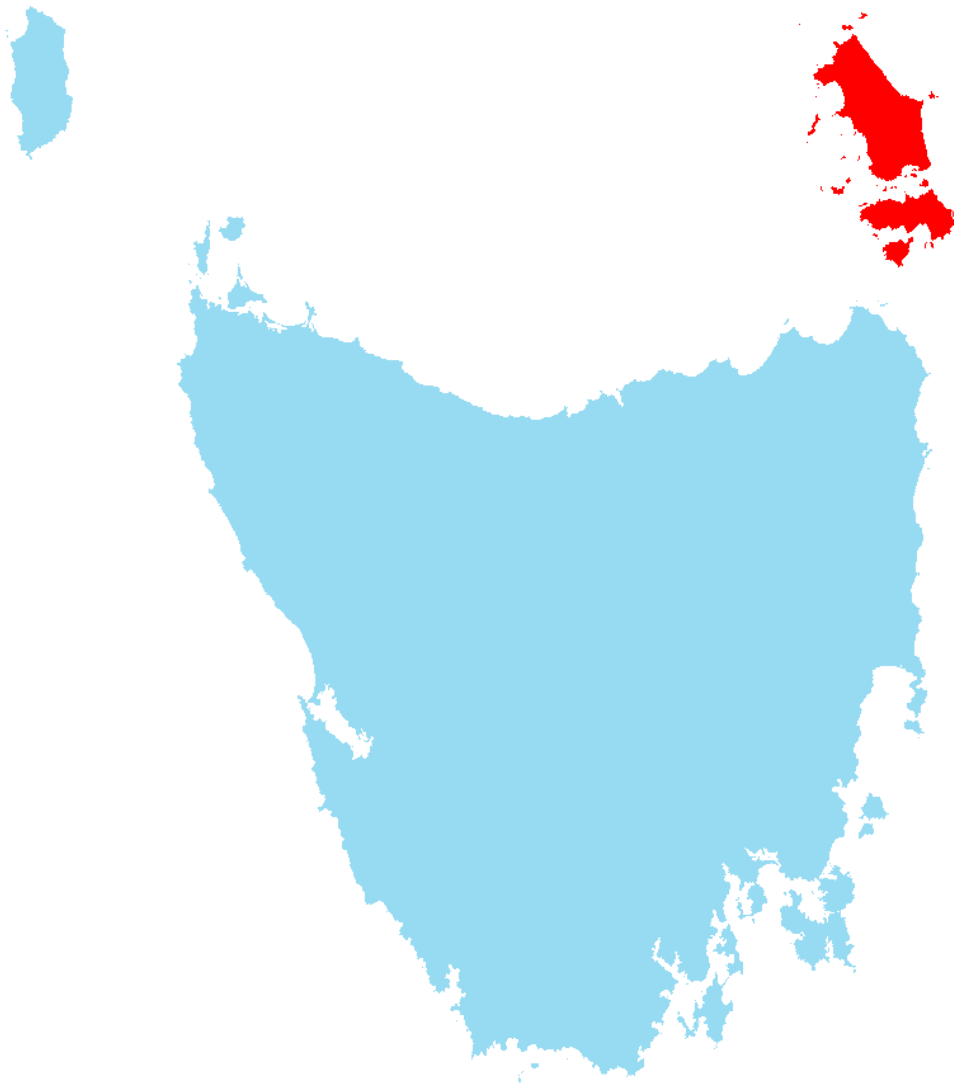


Figure 87: Estimated Tasmanian land area represented by the Flinders Island Airport (no. 99005) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 23: PHOENIX Rapidfire weather inputs for ignition points located in the Flinders Island Airport (no.99005) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	29.2	29.3	324	25	8.1	81	0
14:00	28.9	30.6	312	27	8.1	81	0
15:00	33.2	22.3	301	26	8.1	81	31
16:00	30.6	28.2	308	29	8.1	81	9.3
17:00	29.4	33.9	310	27	8.1	81	0
18:00	32.1	27.4	292	22	8.1	81	0
19:00	28.9	41.5	298	21	8.1	81	0
20:00	26.6	40.2	304	22	8.1	81	0
21:00	25.4	52.9	316	21	8.1	81	0
22:00	23.7	55.1	297	21	8.1	81	0

3.16 94137 GEEVESTON (CEMETERY ROAD) WEATHER STATION

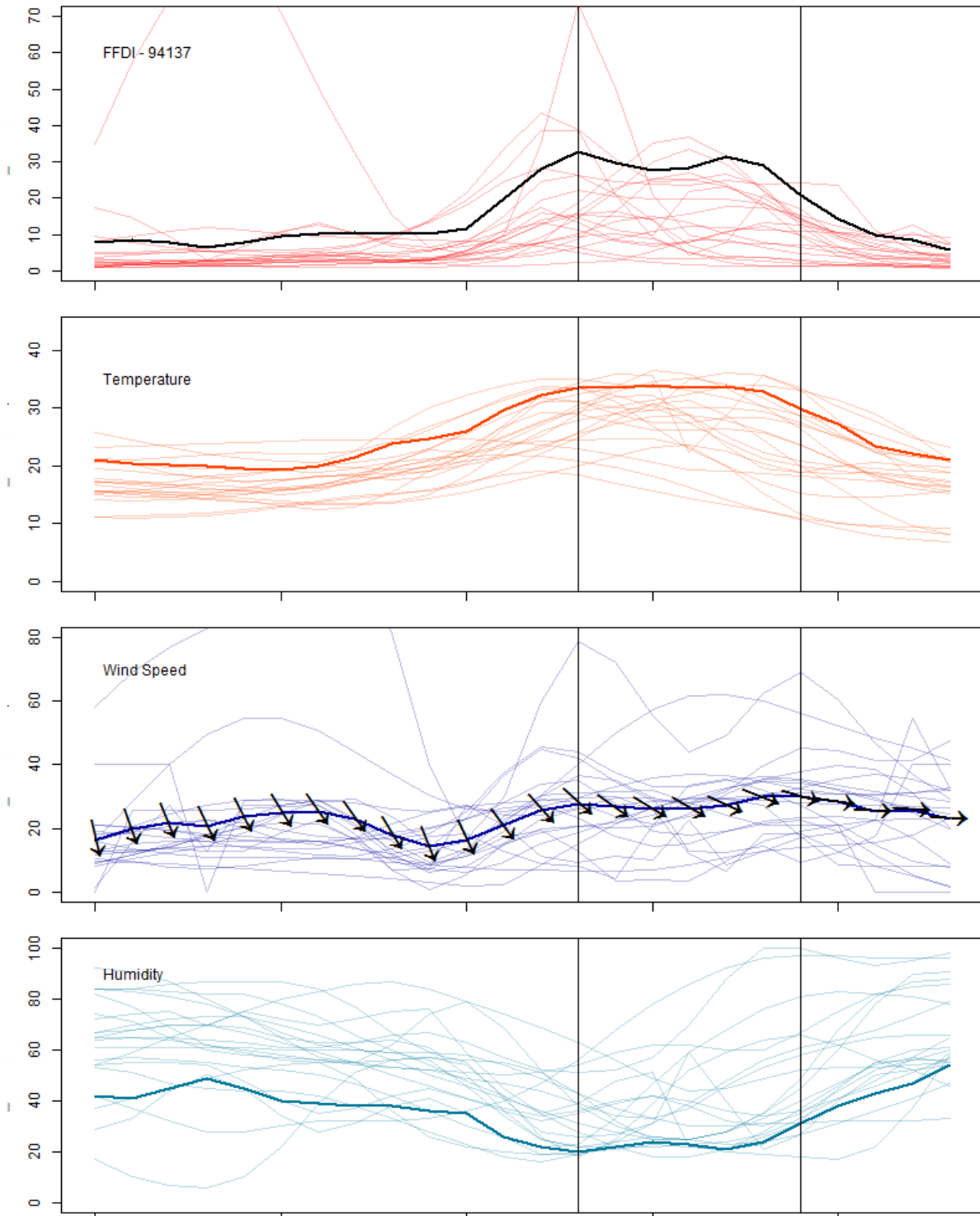


Figure 88: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Geeveston (Cemetery Rd) weather station (no. 94137).



Figure 89: Estimated Tasmanian land area represented by the Geeveston (Cemetery Rd) (no. 94137) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 24: PHOENIX Rapidfire weather inputs for ignition points located in the Geeveston (Cemetery Rd no. 94137) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	33.5	20	312	28	8.8	88	0
14:00	33.6	22	306	27	8.8	88	0
15:00	33.8	24	301	26	8.8	88	0
16:00	33.5	23	300	26	8.8	88	0
17:00	33.6	21	295	27	8.8	88	0
18:00	32.8	24	291	30	8.8	88	0
19:00	29.8	31	286	30	8.8	88	0
20:00	27.2	38	278	28	8.8	88	0
21:00	23.3	43	273	25	8.8	88	0
22:00	22.2	47	274	26	8.8	88	0

3.17 94027 HASTINGS CHALET WEATHER STATION

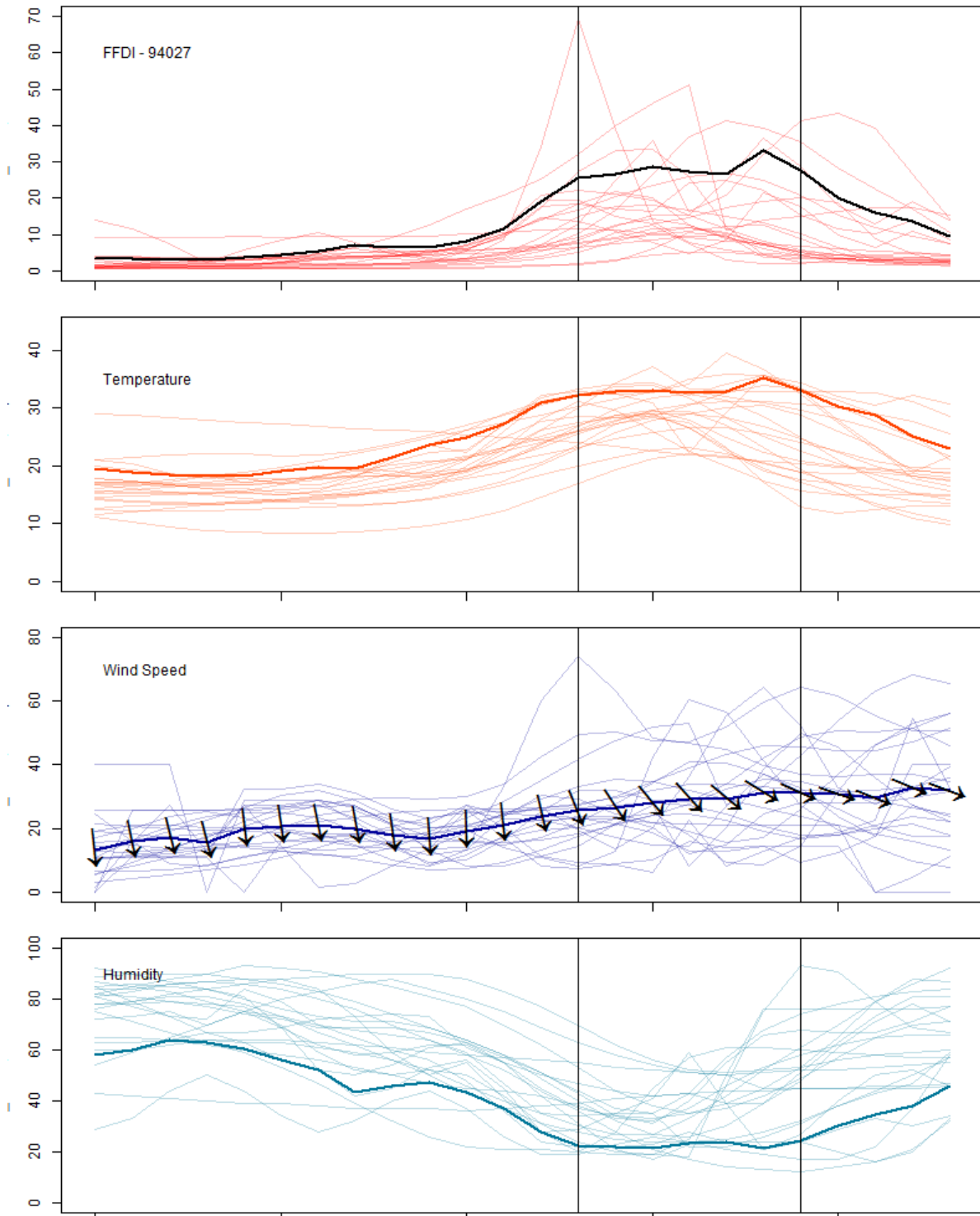


Figure 90: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Hastings Chalet weather station (no. 94027).



Figure 91: Estimated Tasmanian land area represented by the Hastings Chalet (no. 94027) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 25: PHOENIX Rapidfire weather inputs for ignition points located in the Hastings Chalet (no. 94137) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.2	22.3	338	26	8.1	81	0
14:00	32.9	22.2	327	27	8.1	81	0
15:00	33.1	21.3	321	28	8.1	81	0
16:00	32.7	23.2	318	29	8.1	81	0
17:00	32.9	24	310	29	8.1	81	0
18:00	35.3	21.5	302	31	8.1	81	0
19:00	33.1	24.5	294	31	8.1	81	0
20:00	30.3	30.4	289	31	8.1	81	0
21:00	28.7	34.5	292	29	8.1	81	0
22:00	25.2	38.2	292	33	8.1	81	0

3.18 94029 HOBART (ELLERSLIE RD) WEATHER STATION

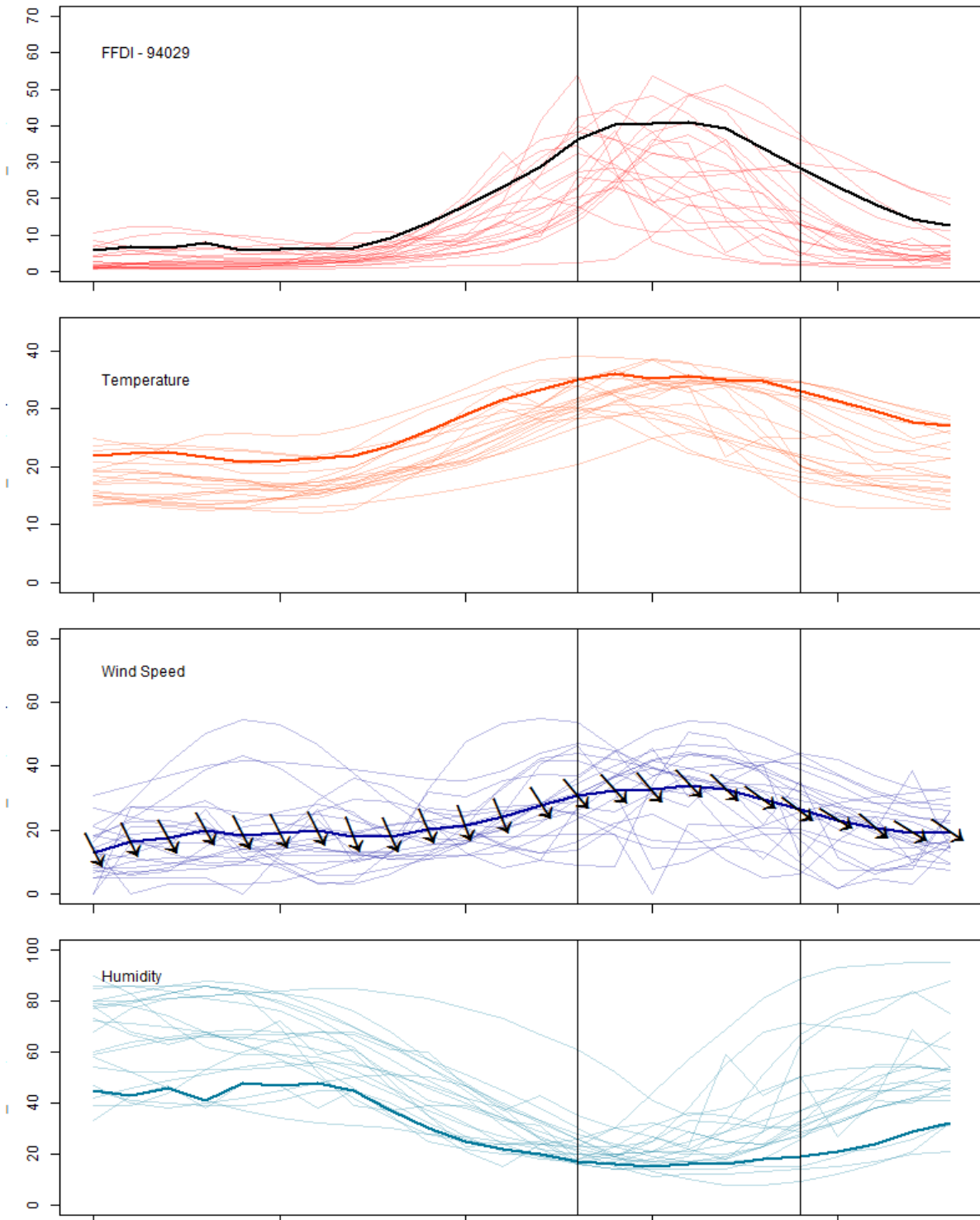


Figure 92: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Hobart (Ellerslie Rd) weather station (no. 94029).



Figure 93: Estimated Tasmanian land area represented by the Hobart (Ellerslie Rd) (no. 94029) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 26: PHOENIX Rapidfire weather inputs for ignition points located in the Hobart (Ellerslie Rd) (no. 94029) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	35	17	320	31	7.8	78	0
14:00	36.1	16	318	32	7.8	78	0
15:00	35.2	15	320	33	7.8	78	0
16:00	35.6	16	317	34	7.8	78	0
17:00	35	16	314	33	7.8	78	0
18:00	34.8	18	306	30	7.8	78	0
19:00	33	19	307	26	7.8	78	0
20:00	31.4	21	302	23	7.8	78	0
21:00	29.5	24	311	20	7.8	78	0
22:00	27.8	29	302	19	7.8	78	0

3.19 91045 JETSONVILLE (MUSKFIELD) WEATHER STATION

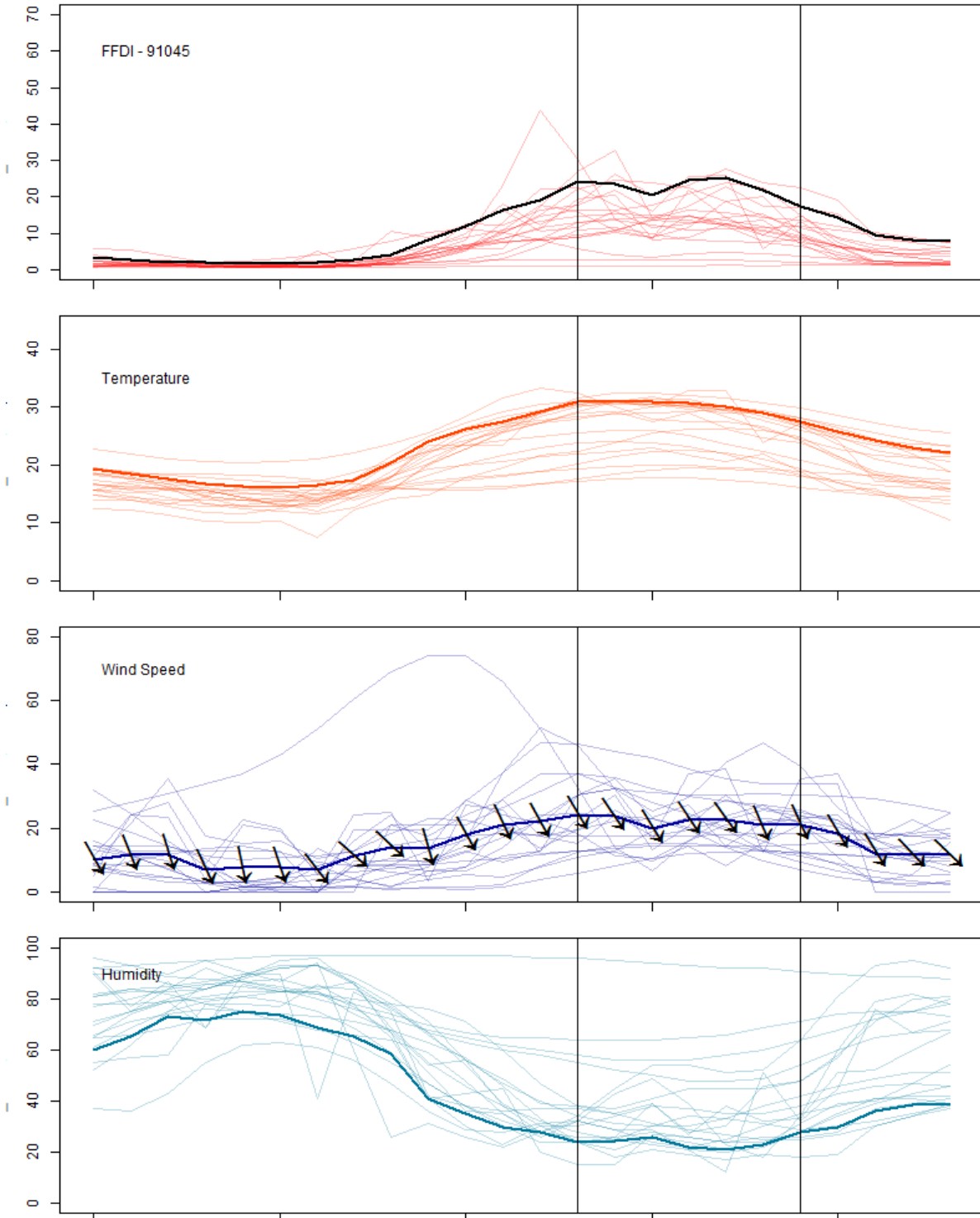


Figure 94: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Jetsonville (Muskfield) weather station (no. 91045).

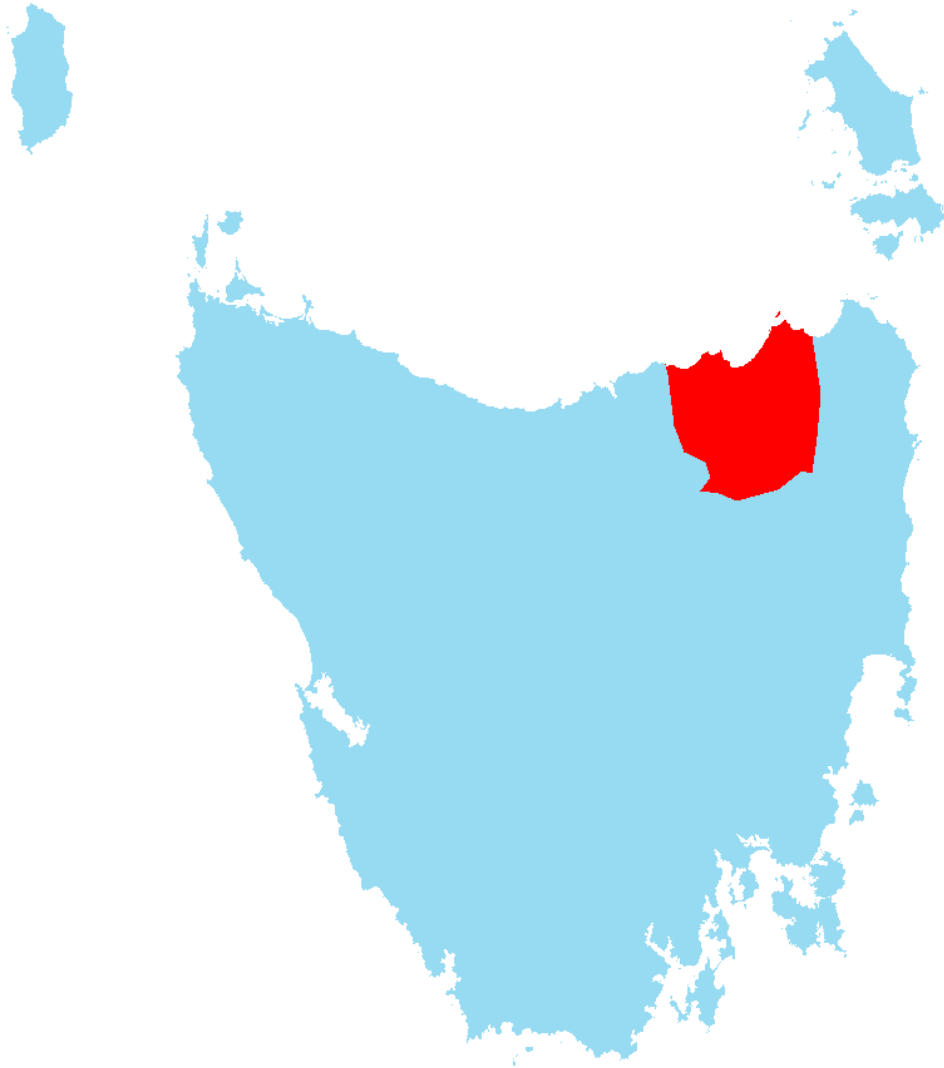


Figure 95: Estimated Tasmanian land area represented by the Jetsonville (Muskfield) (no. 91045) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 27: PHOENIX Rapidfire weather inputs for ignition points located in the Jetsonville (Muskfield) (no. 91045) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	31	24	330	24	8.9	89	0
14:00	31	24.4	326	24	8.9	89	0
15:00	30.9	25.7	329	20	8.9	89	10.25
16:00	30.7	21.9	326	23	8.9	89	0
17:00	30.1	20.9	324	23	8.9	89	0
18:00	28.9	22.9	337	21	8.9	89	0
19:00	27.5	27.7	335	21	8.9	89	0
20:00	25.7	29.7	329	18	8.9	89	0
21:00	24.2	36.3	329	12	8.9	89	0
22:00	22.9	38.4	317	12	8.9	89	0

3.20 92019 LAKE LEAKE (ELIZABETH RIVER) WEATHER STATION

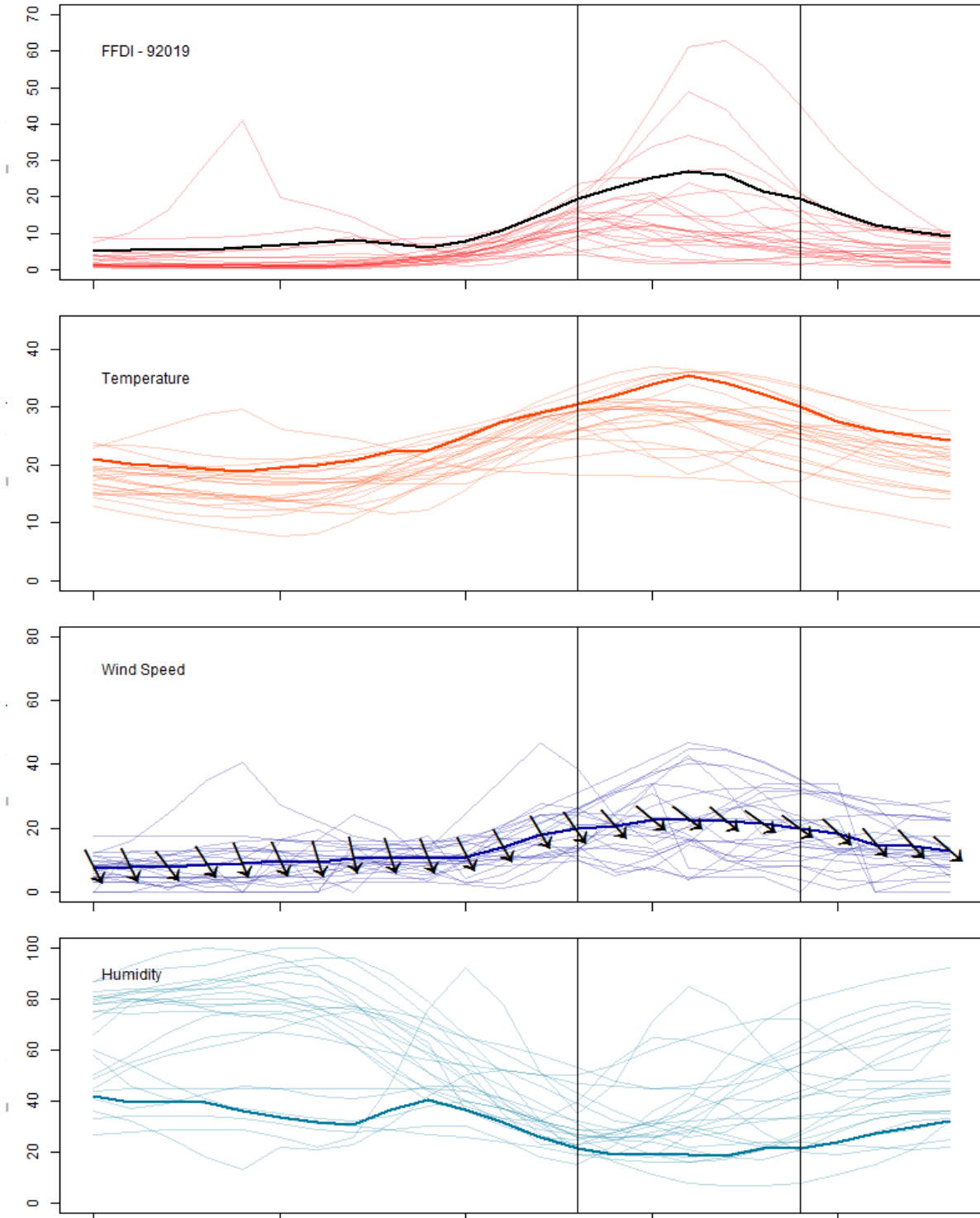


Figure 96: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Lake Leake (Elizabeth River) weather station (no. 92019).

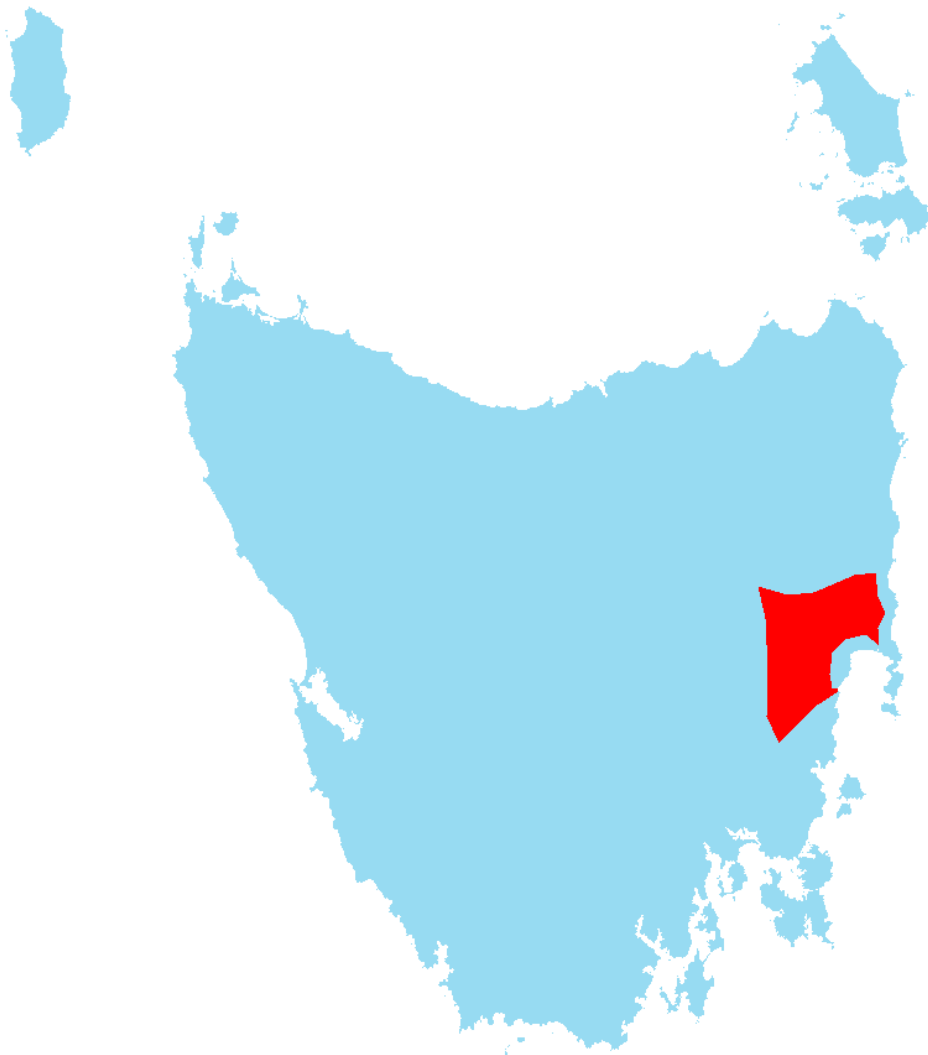


Figure 97: Estimated Tasmanian land area represented by the Lake Leake (Elizabeth River) (no. 92019) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 28: PHOENIX Rapidfire weather inputs for ignition points located in the Lake Leake (Elizabeth River no. 92019) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.5	21.3	325	20	7.4	74	0
14:00	32	19	319	21	7.4	74	2
15:00	33.9	19	310	23	7.4	74	2
16:00	35.4	18.9	308	23	7.4	74	2
17:00	34.2	18.3	310	22	7.4	74	2.6
18:00	32.3	21.3	306	22	7.4	74	0
19:00	30.1	21.3	306	20	7.4	74	0
20:00	27.6	24	312	18	7.4	74	0
21:00	26	27.3	320	15	7.4	74	0
22:00	25	29.9	318	14	7.4	74	0

3.21 91072 LAUNCESTON (KINGS MEADOWS) WEATHER STATION

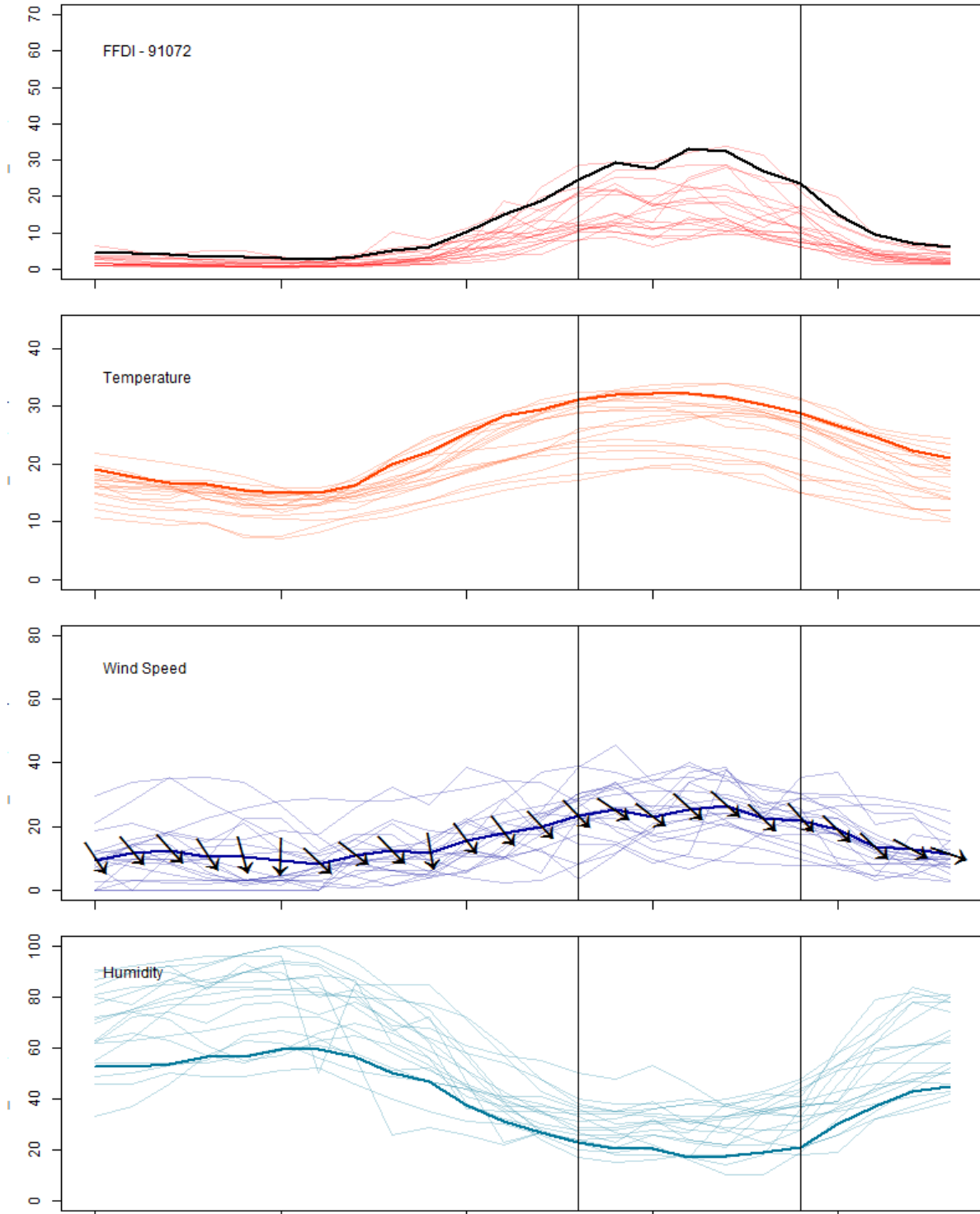


Figure 98: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Launceston (Kings Meadows) weather station (no. 91072).

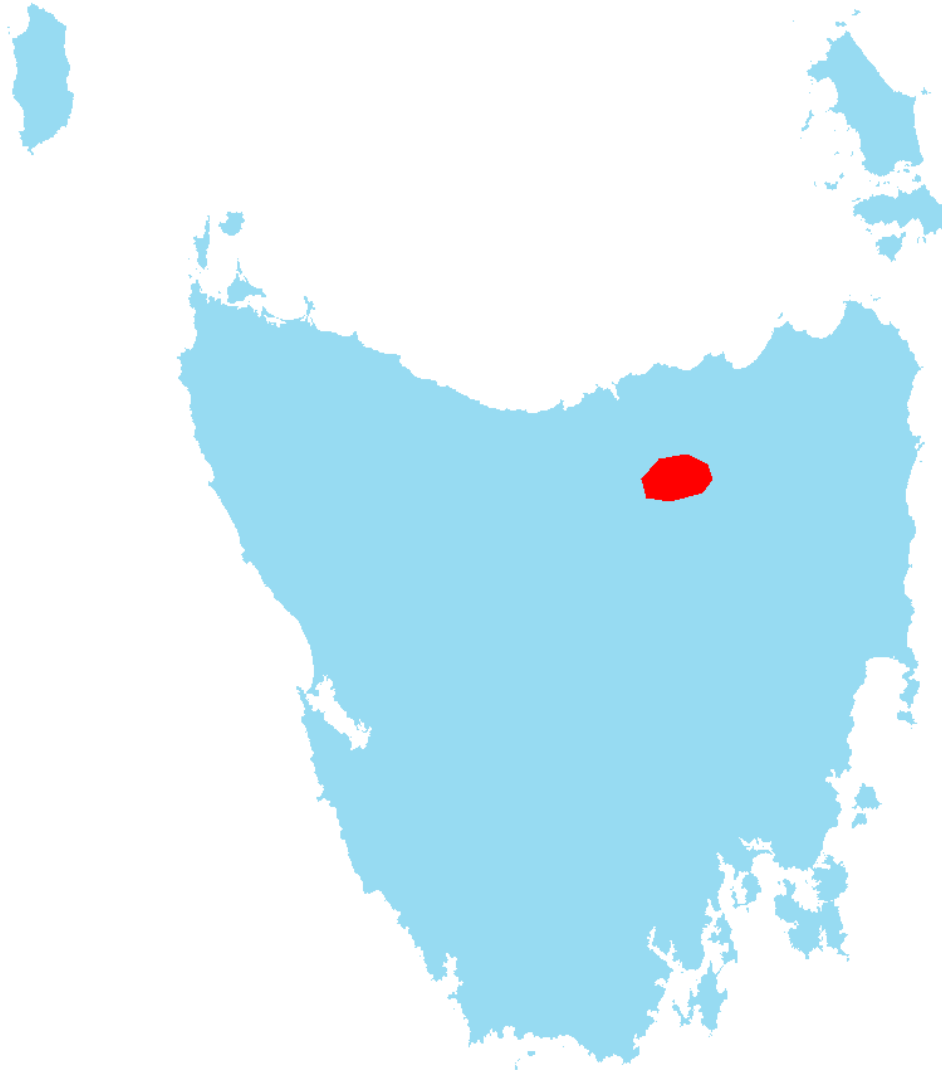


Figure 99: Estimated Tasmanian land area represented by the Launceston (Kings Meadows) (no.91072) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 29: PHOENIX Rapidfire weather inputs for ignition points located in the Launceston (Kings Meadows no. 91072) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	31.1	23	316	23	8.9	89	0
14:00	32.1	20.4	304	25	8.9	89	0
15:00	32.2	20.7	308	23	8.9	89	0
16:00	32.2	17	312	25	8.9	89	0
17:00	31.5	17.7	312	26	8.9	89	0
18:00	30.4	19	314	22	8.9	89	0
19:00	28.7	21	319	22	8.9	89	0
20:00	26.7	30.2	314	19	8.9	89	0
21:00	24.6	37.1	313	13	8.9	89	0
22:00	22.3	43.1	298	13	8.9	89	0

3.22 91104 LAUNCESTON AIRPORT COMPARISON WEATHER STATION

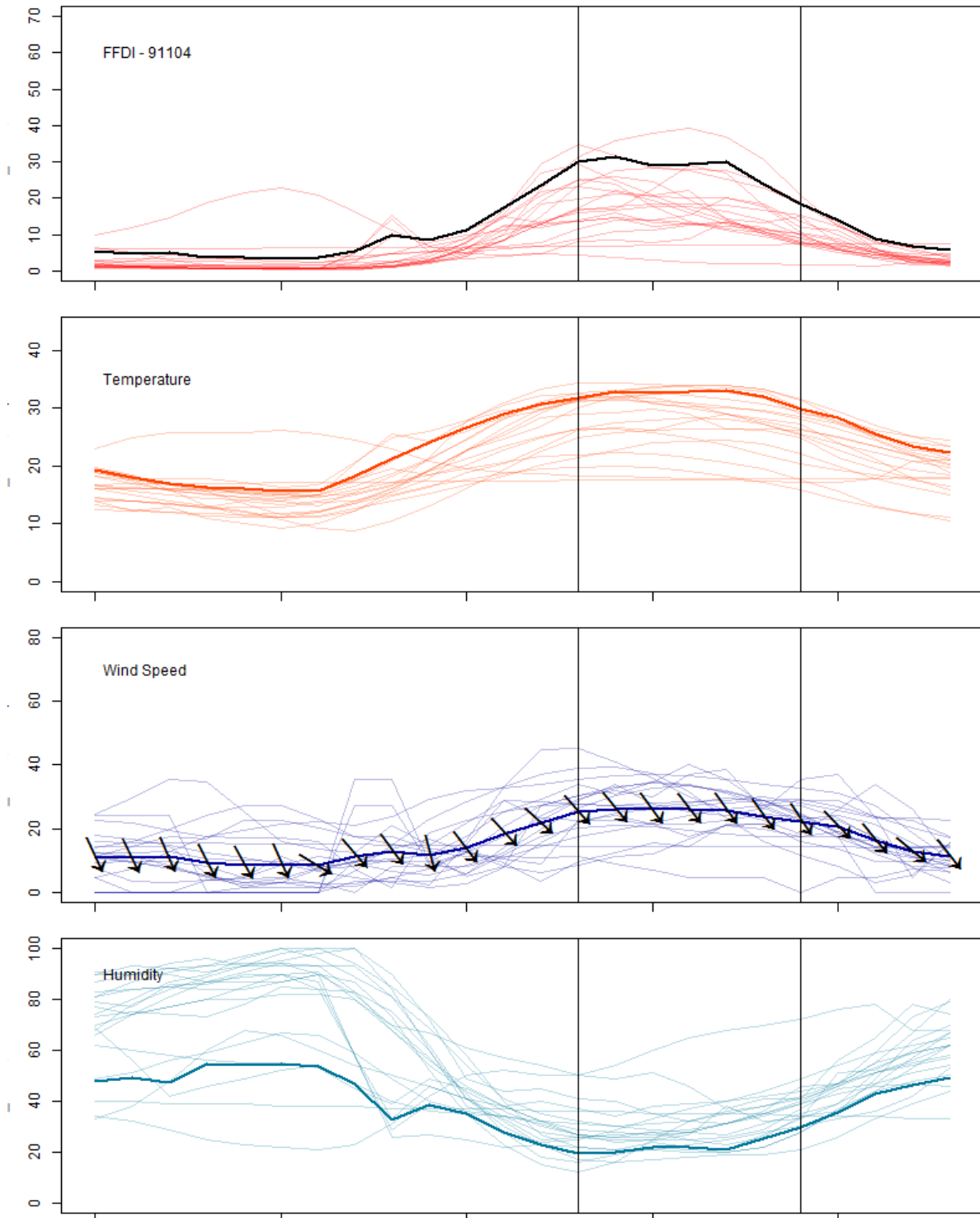


Figure 100: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Launceston Airport Comparison weather station (no. 91104).



Figure 101: Estimated Tasmanian land area represented by the Launceston Airport Comparison (no. 91104) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 30: PHOENIX Rapidfire weather inputs for ignition points located in the Launceston Airport Comparison (no. 91104) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	31.7	19.6	319	25	9	90	0
14:00	32.8	19.9	321	26	9	90	0
15:00	32.7	21.9	324	26	9	90	0
16:00	32.9	21.9	322	26	9	90	0
17:00	33	20.9	324	26	9	90	0
18:00	31.9	25.4	324	24	9	90	0
19:00	29.9	29.7	327	22	9	90	0
20:00	28.4	35.7	316	21	9	90	0
21:00	25.4	42.8	320	16	9	90	0
22:00	23.5	46.3	310	13	9	90	0

3.23 96004 LIAWENEE HEC WEATHER STATION

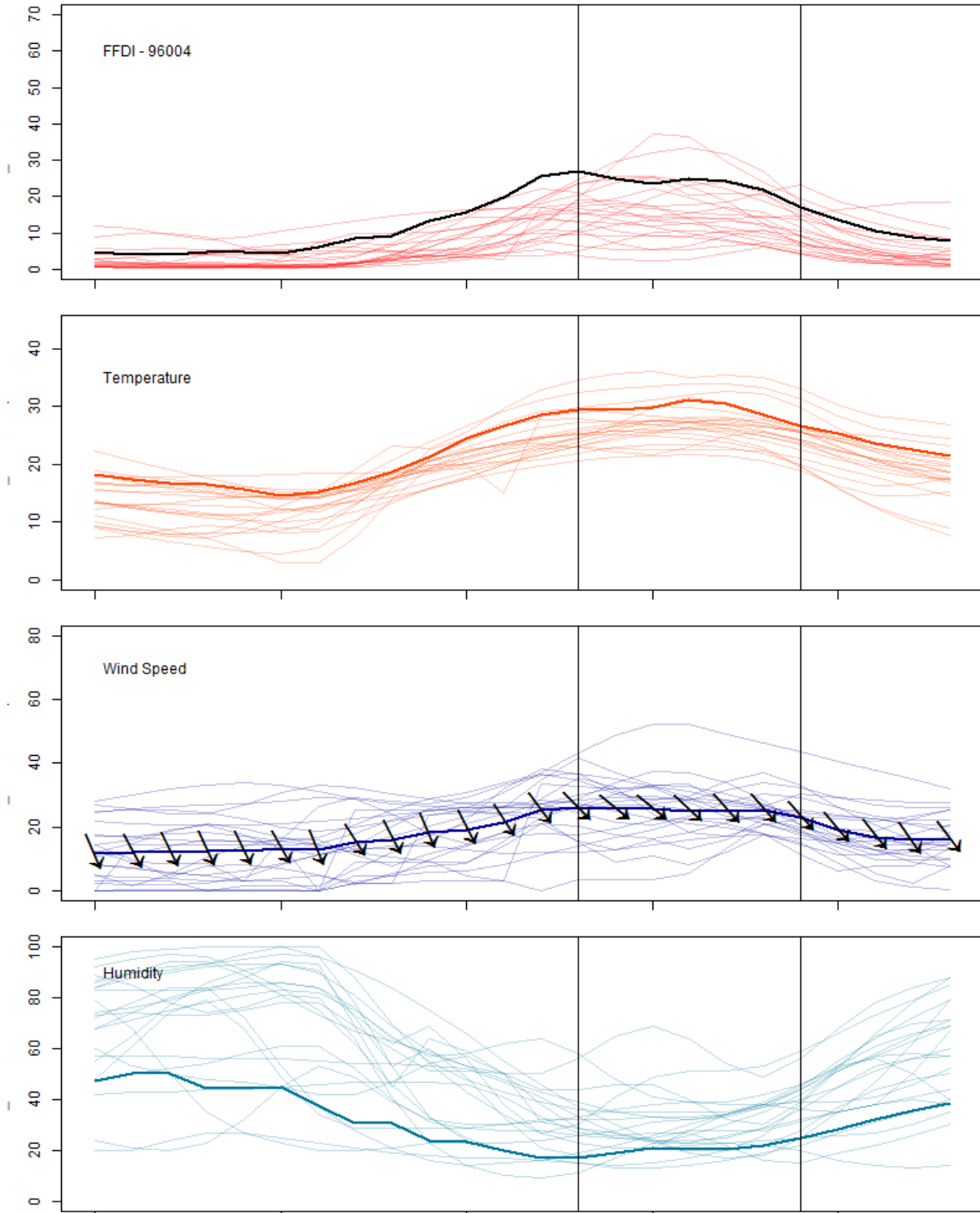


Figure 102: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Liawenee HEC weather station (no. 96004).



Figure 103: Estimated Tasmanian land area represented by the Liawenee HEC (no. 96004) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 31: PHOENIX Rapidfire weather inputs for ignition points located in the Liawenee HEC (no. 96004) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	29.4	17.2	315	26	7.8	78	0.9
14:00	29.4	19	309	26	7.8	78	6.9
15:00	29.9	21	309	26	7.8	78	0.9
16:00	31.2	20.3	313	25	7.8	78	6.45
17:00	30.5	20.3	318	25	7.8	78	6.15
18:00	28.6	22	319	25	7.8	78	0
19:00	26.6	25	319	23	7.8	78	0
20:00	25.3	28.2	320	19	7.8	78	0
21:00	23.6	32.1	322	17	7.8	78	0
22:00	22.5	35.8	325	16	7.8	78	0

3.24 91057 LOW HEAD (COMPARISON) WEATHER STATION

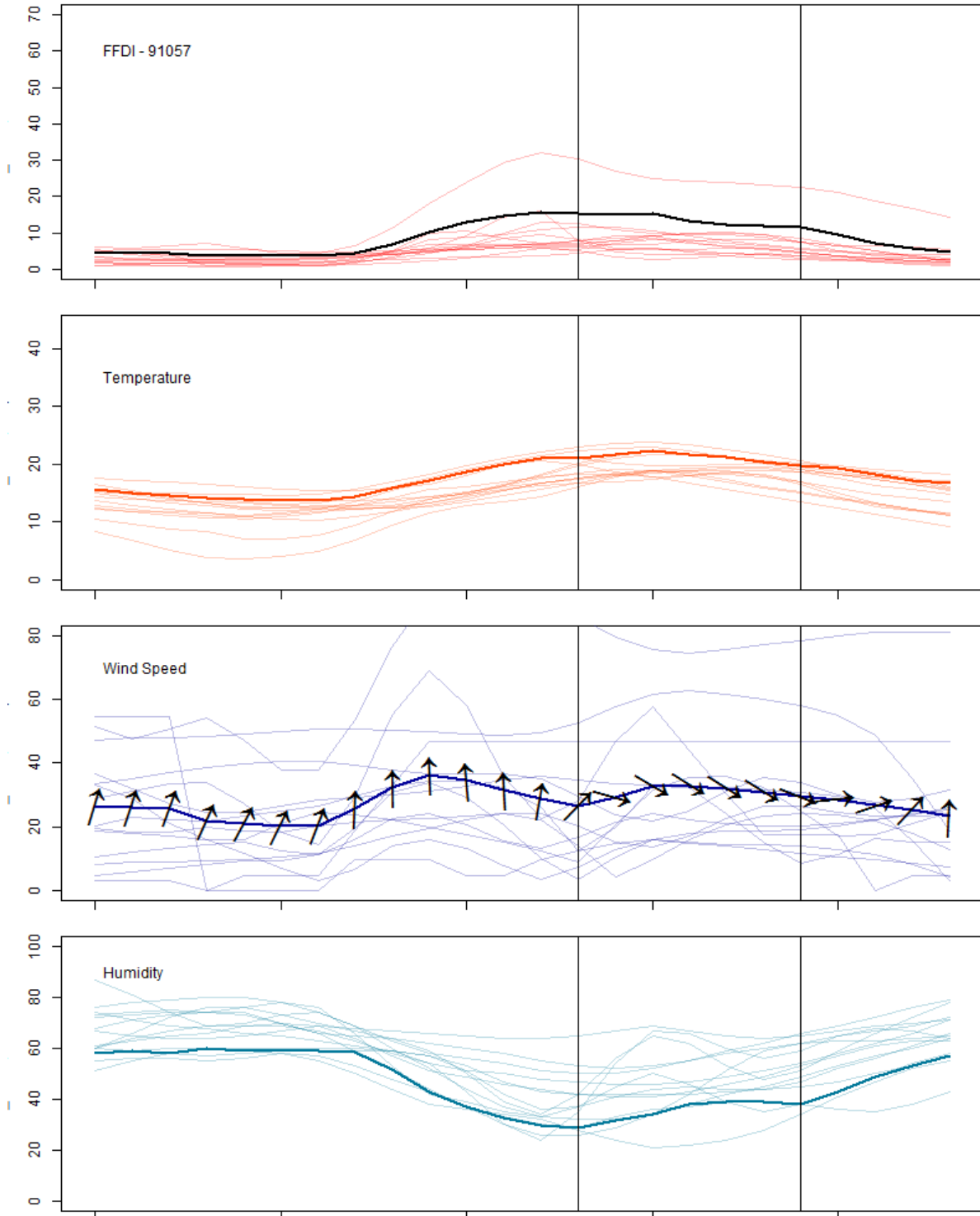


Figure 104: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Low Head (Comparison) weather station (no. 91057).

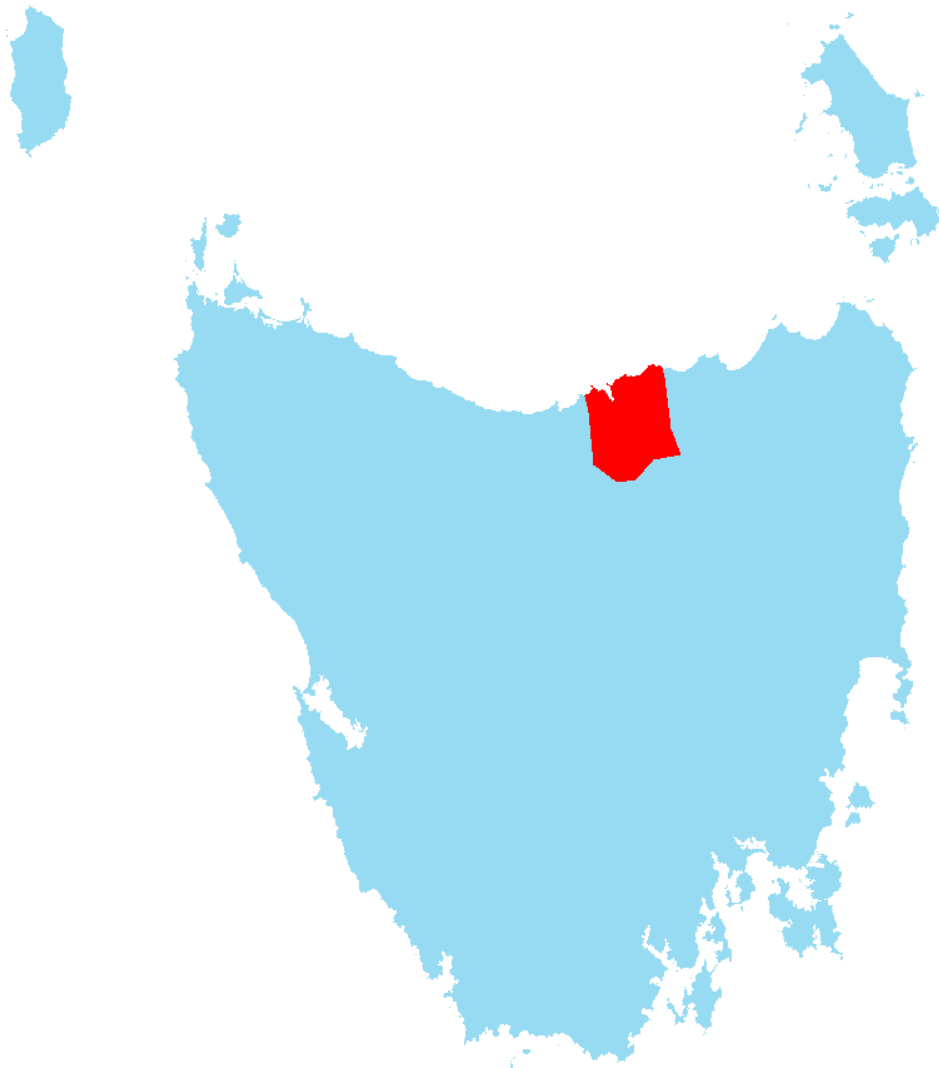


Figure 105: Estimated Tasmanian land area represented by the Low Head (Comparison) (no. 91057) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 32: PHOENIX Rapidfire weather inputs for ignition points located in the Low Head (Comparison) (no. 91057) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	21	29	224	27	8.8	88	30.9
14:00	21.6	31.9	286	29	8.8	88	30.95
15:00	22.3	34	300	33	8.8	88	31
16:00	21.7	38	302	33	8.8	88	29
17:00	21.2	39	302	32	8.8	88	26
18:00	20.4	38.8	302	31	8.8	88	0
19:00	19.8	38	291	30	8.8	88	0
20:00	19.4	42.9	264	29	8.8	88	0
21:00	18.2	48.9	251	27	8.8	88	0
22:00	17.3	53	223	25	8.8	88	0

3.25 94041 MAATSUYKA ISLAND LIGHTHOUSE WEATHER STATION

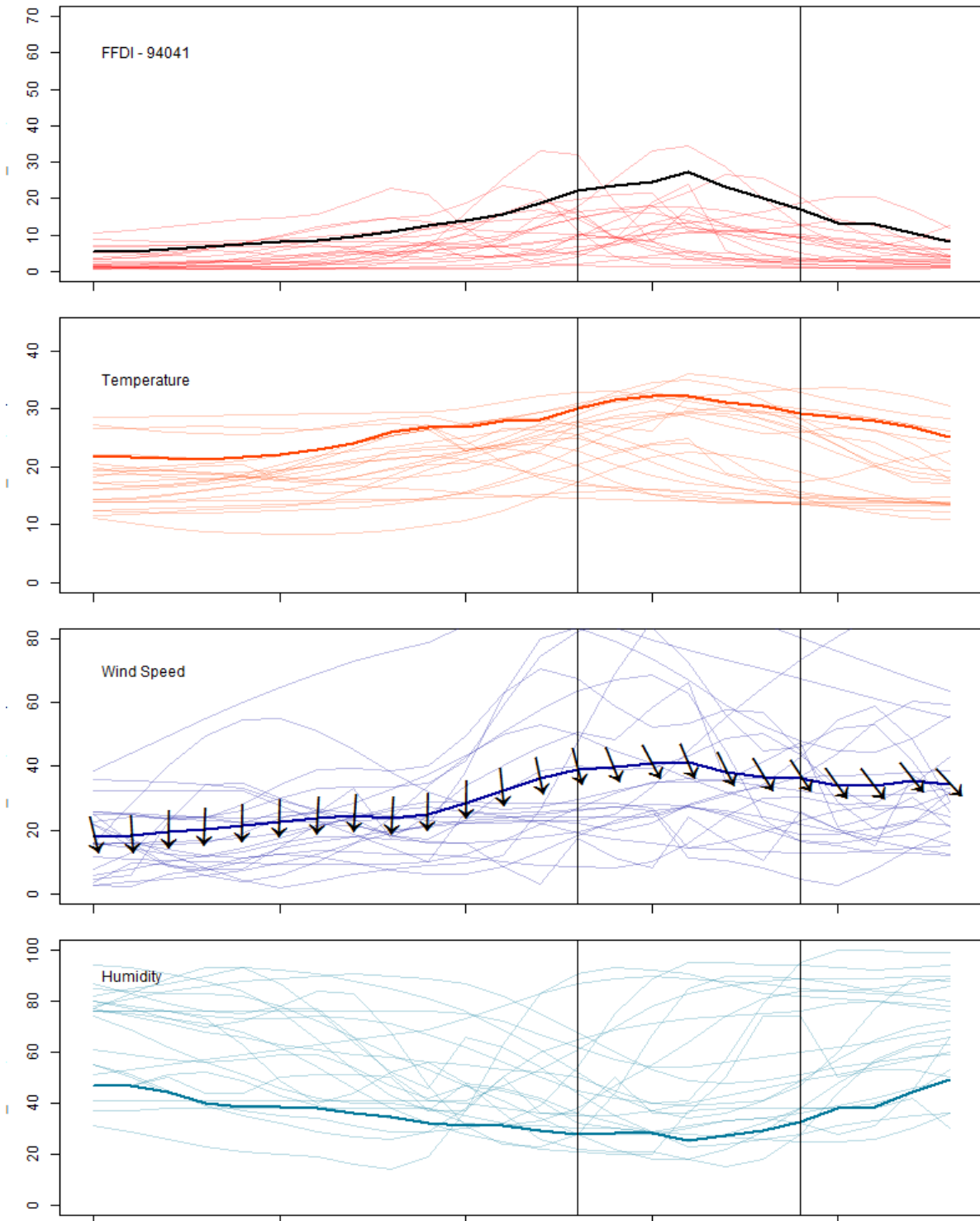


Figure 106: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Maatsuyka Island Lighthouse weather station (no. 94041).



Figure 107: Estimated Tasmanian land area represented by the Maatsuyka Island Lighthouse (no. 94041) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 33: PHOENIX Rapidfire weather inputs for ignition points located in the Maatsuyka Island Lighthouse (no. 94041) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.1	28	345	39	6.8	68	0
14:00	31.6	28.3	338	40	6.8	68	21.75
15:00	32.2	28.2	332	41	6.8	68	0
16:00	32.1	25.5	338	41	6.8	68	0
17:00	31.1	27.2	334	38	6.8	68	0
18:00	30.5	29.5	329	37	6.8	68	0
19:00	29.1	32.6	327	36	6.8	68	0
20:00	28.6	38	325	34	6.8	68	0
21:00	28	38.3	323	34	6.8	68	0
22:00	26.9	44.2	322	36	6.8	68	0

3.26 91223 MARRAWAH WEATHER STATION

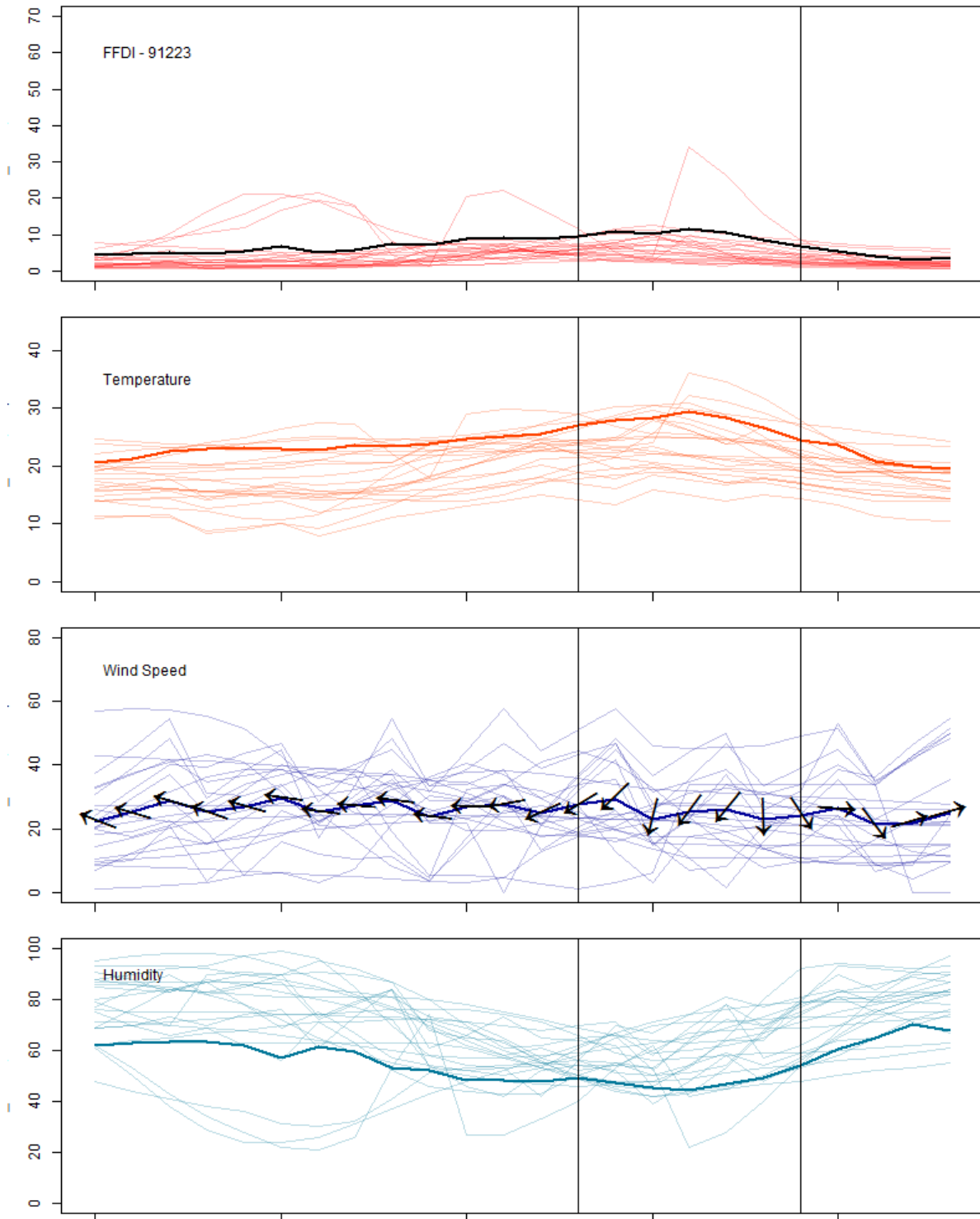


Figure 108: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Marrawah weather station (no. 91223).



Figure 109: Estimated Tasmanian land area represented by the Marrawah (no. 91223) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 34: PHOENIX Rapidfire weather inputs for ignition points located in the Marrawah (no. 91223) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	27	49.2	58	28	8.9	89	0
14:00	27.8	47.2	45	29	8.9	89	0
15:00	28.4	45.2	14	23	8.9	89	0
16:00	29.5	44.2	36	25	8.9	89	0
17:00	28.3	46.8	39	26	8.9	89	0
18:00	26.5	49.2	358	23	8.9	89	0.15
19:00	24.4	54.3	327	24	8.9	89	0.15
20:00	23.5	60.6	274	26	8.9	89	0
21:00	20.9	65	323	21	8.9	89	0
22:00	20	70.2	253	22	8.9	89	0

3.27 95011 MAYDENA WEATHER STATION

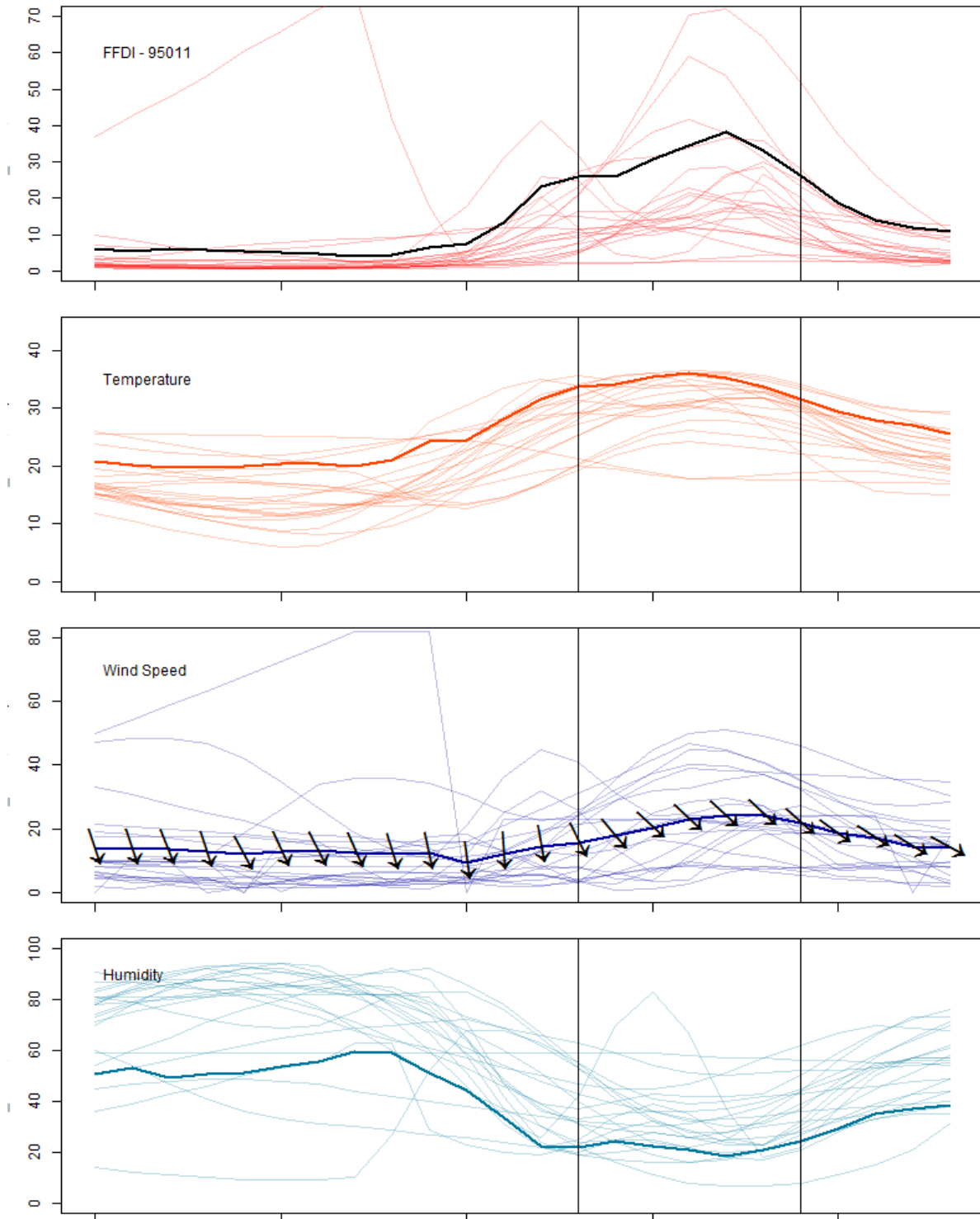


Figure 110: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Maydena weather station (no. 95011).



Figure 111: Estimated Tasmanian land area represented by the Maydena (no. 95011) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 35: PHOENIX Rapidfire weather inputs for ignition points located in the Maydena (no. 95011) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	33.7	22.2	334	16	10	100	0
14:00	34.1	24.2	320	18	10	100	0
15:00	35.4	22.3	313	20	10	100	0
16:00	36	21.2	313	23	10	100	0
17:00	35.3	18.3	313	24	10	100	0
18:00	33.7	21	313	24	10	100	0
19:00	31.6	24.2	312	22	10	100	0
20:00	29.4	29.5	306	19	10	100	0
21:00	27.9	35	303	17	10	100	0
22:00	27	37.3	301	14	10	100	0

3.28 94140 MELTON MOWBRAY (LOVELY BANKS) WEATHER STATION

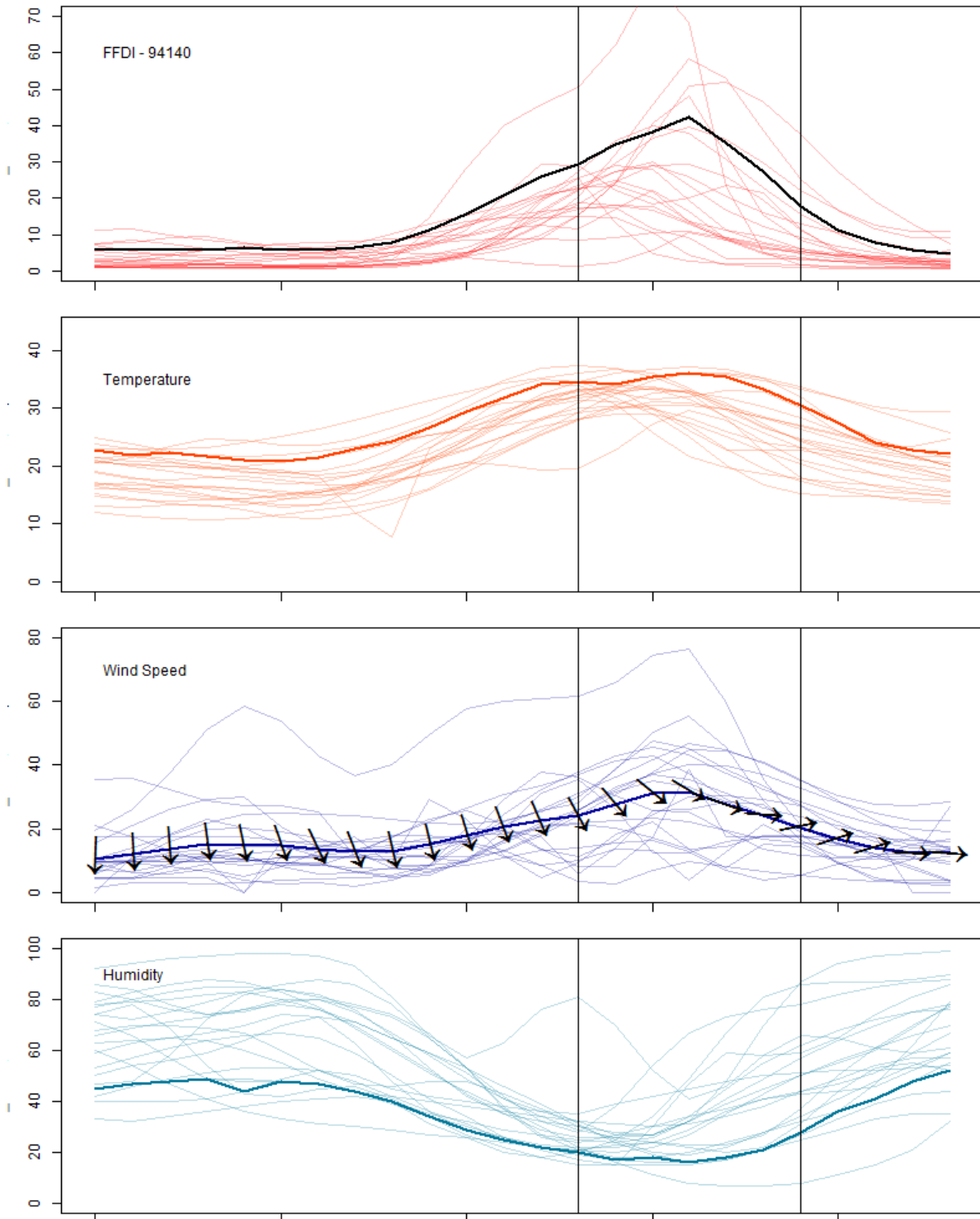


Figure 112: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Melton Mowbray (Lovely Banks) weather station (no. 94140).

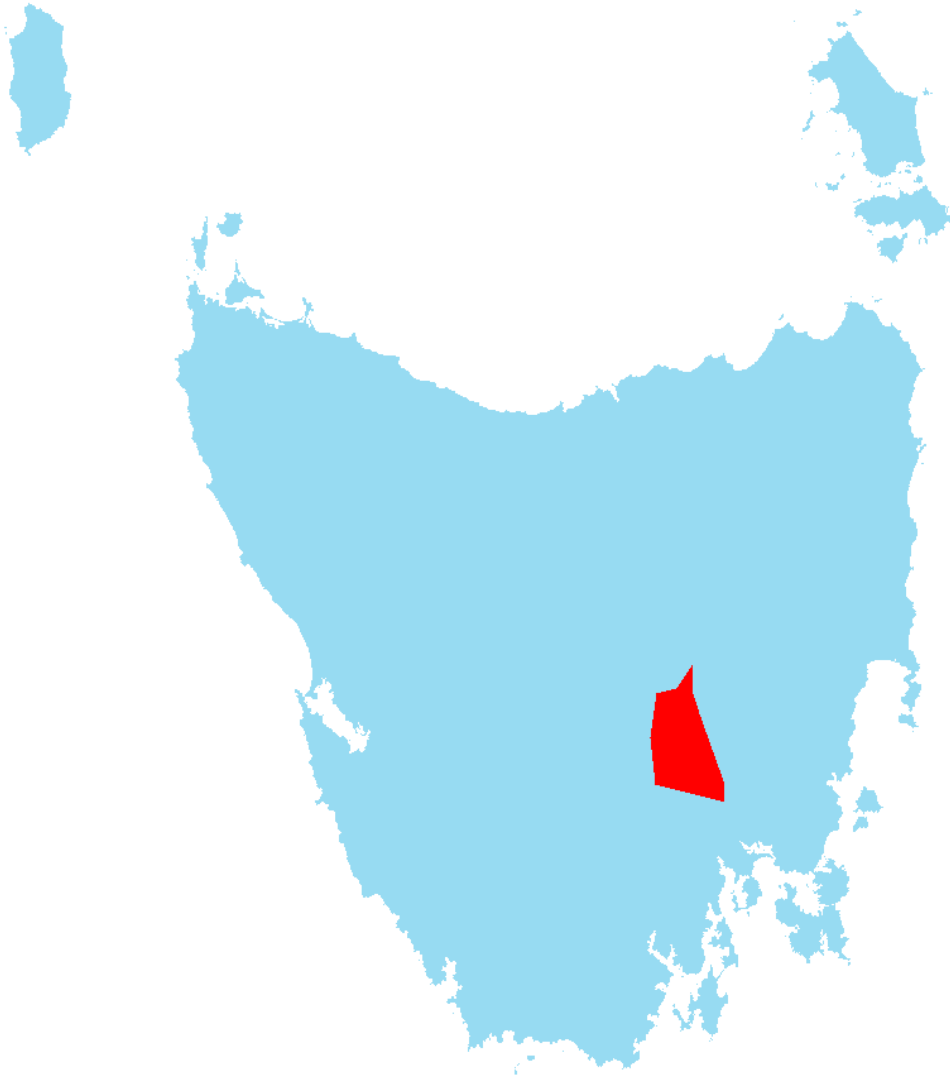


Figure 113: Estimated Tasmanian land area represented by the Melton Mowbray (Lovely Banks) (no. 94140) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 36: PHOENIX Rapidfire weather inputs for ignition points located in the Melton Mowbray (no. 94140) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34.5	20	332	24	8.3	83	0
14:00	34.1	17	320	28	8.3	83	0
15:00	35.4	18	309	31	8.3	83	0
16:00	36.1	16	301	32	8.3	83	0
17:00	35.3	18	290	28	8.3	83	0
18:00	33.3	21	274	24	8.3	83	0
19:00	30.5	28	258	20	8.3	83	0
20:00	27.5	36	252	17	8.3	83	0
21:00	24.1	41	253	14	8.3	83	0
22:00	22.8	48	274	12	8.3	83	0

3.29 94066 MT WELLINGTON (THE SPRINGS) WEATHER STATION

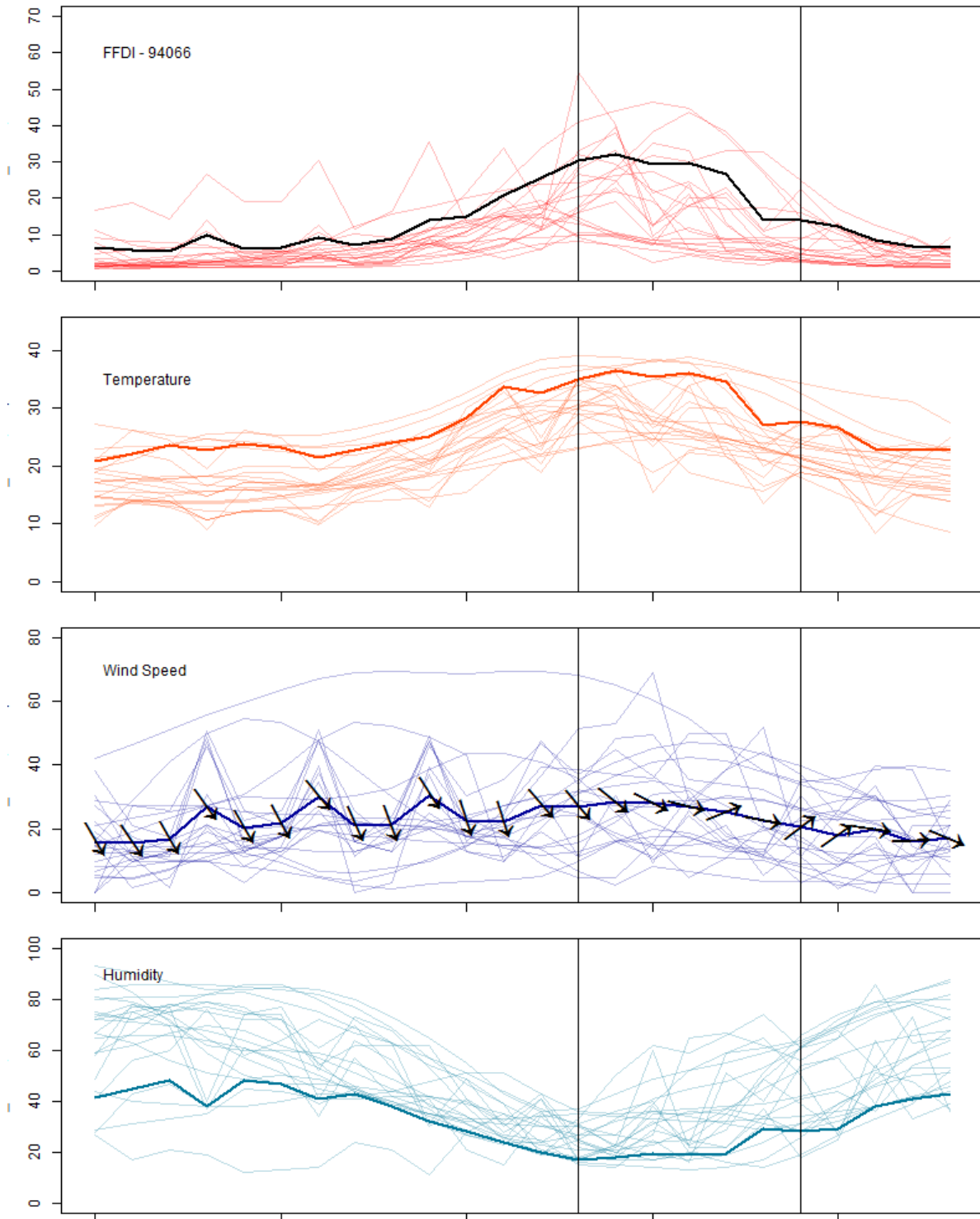


Figure 114: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Mt Wellington (The Springs) weather station (no. 94066).



Figure 115: Estimated Tasmanian land area represented by the Mt Wellington (The Springs) (no. 94066) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 37: PHOENIX Rapidfire weather inputs for ignition points located in the Mt Wellington (The Springs) (no. 94066) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	35	17.2	321	27	7.2	72	0
14:00	36.6	18.2	309	28	7.2	72	0
15:00	35.4	19.6	297	28	7.2	72	0
16:00	36.1	19.2	284	27	7.2	72	0
17:00	34.6	19.5	248	25	7.2	72	0
18:00	27.1	29.3	281	22	7.2	72	0
19:00	27.7	28.2	233	20	7.2	72	0
20:00	26.5	29.5	235	18	7.2	72	0
21:00	23	38	278	20	7.2	72	0
22:00	22.8	41.2	267	16	7.2	72	0

3.30 92027 ORFORD (AUBIN COURT) WEATHER STATION

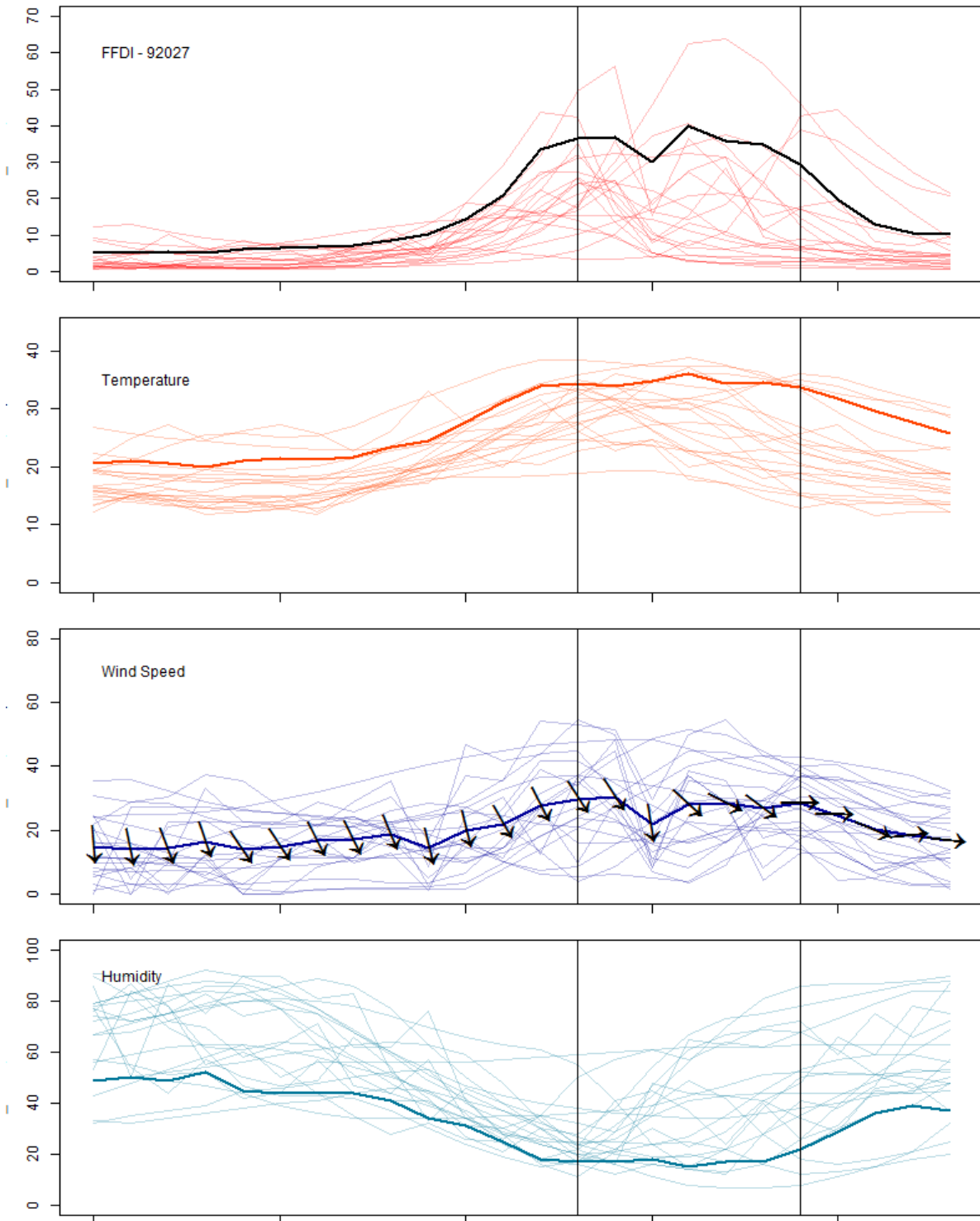


Figure 116: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Orford (Aubin Court) weather station (no. 92027).



Figure 117: Estimated Tasmanian land area represented by the Orford (Aubin Court) (no. 92027) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 38: PHOENIX Rapidfire weather inputs for ignition points located in the Orford (Aubin Court) (no. 92027) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34.4	17	327	29	8.3	83	0
14:00	33.9	17	327	30	8.3	83	0
15:00	34.8	18	351	22	8.3	83	0
16:00	36.1	15	313	28	8.3	83	0
17:00	34.4	17	297	28	8.3	83	0
18:00	34.5	17	307	27	8.3	83	0
19:00	33.7	22	270	28	8.3	83	0
20:00	31.7	29	271	25	8.3	83	0
21:00	29.7	36	293	20	8.3	83	0
22:00	27.8	39	264	18	8.3	83	0

3.31 95012 OUSE (MILLBROOK) WEATHER STATION

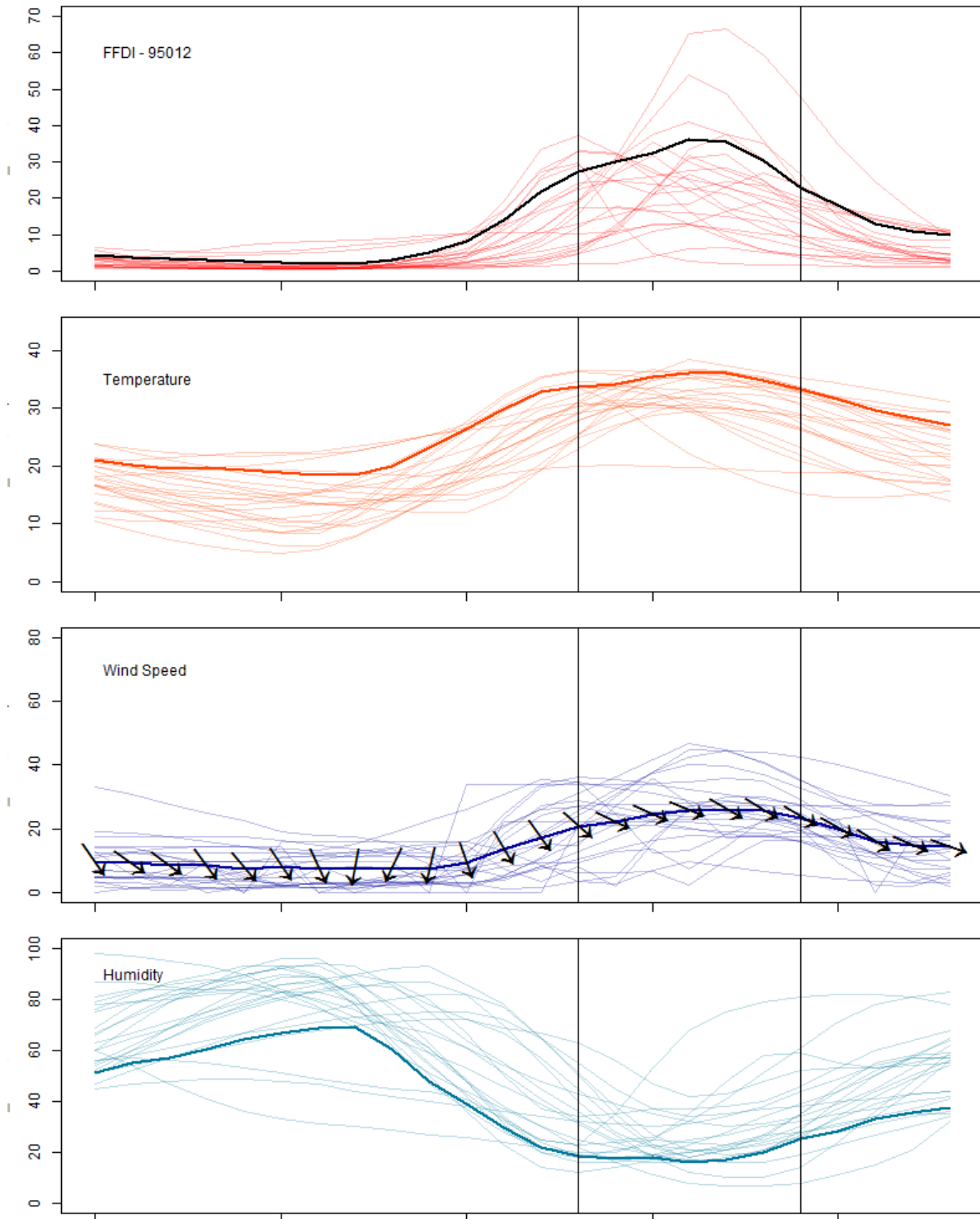


Figure 118: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Ouse (Millbrook) weather station (no. 95012).



Figure 119: Estimated Tasmanian land area represented by the Ouse (Millbrook) (no. 95012) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 39: PHOENIX Rapidfire weather inputs for ignition points located in the Ouse (Millbrook) (no. 95012) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	33.7	18.3	312	21	8.2	82	0
14:00	34.2	17.3	296	22	8.2	82	0
15:00	35.4	18	294	25	8.2	82	0
16:00	36.1	16.3	292	26	8.2	82	0
17:00	36.1	17	300	26	8.2	82	0
18:00	34.8	20	302	26	8.2	82	0
19:00	33.3	25.3	301	24	8.2	82	0
20:00	31.6	28.3	299	20	8.2	82	0
21:00	29.6	33.3	302	16	8.2	82	0
22:00	28.3	35.6	293	15	8.2	82	0

3.32 97073 ROSEBERY (HEC SUBSTATION) WEATHER STATION

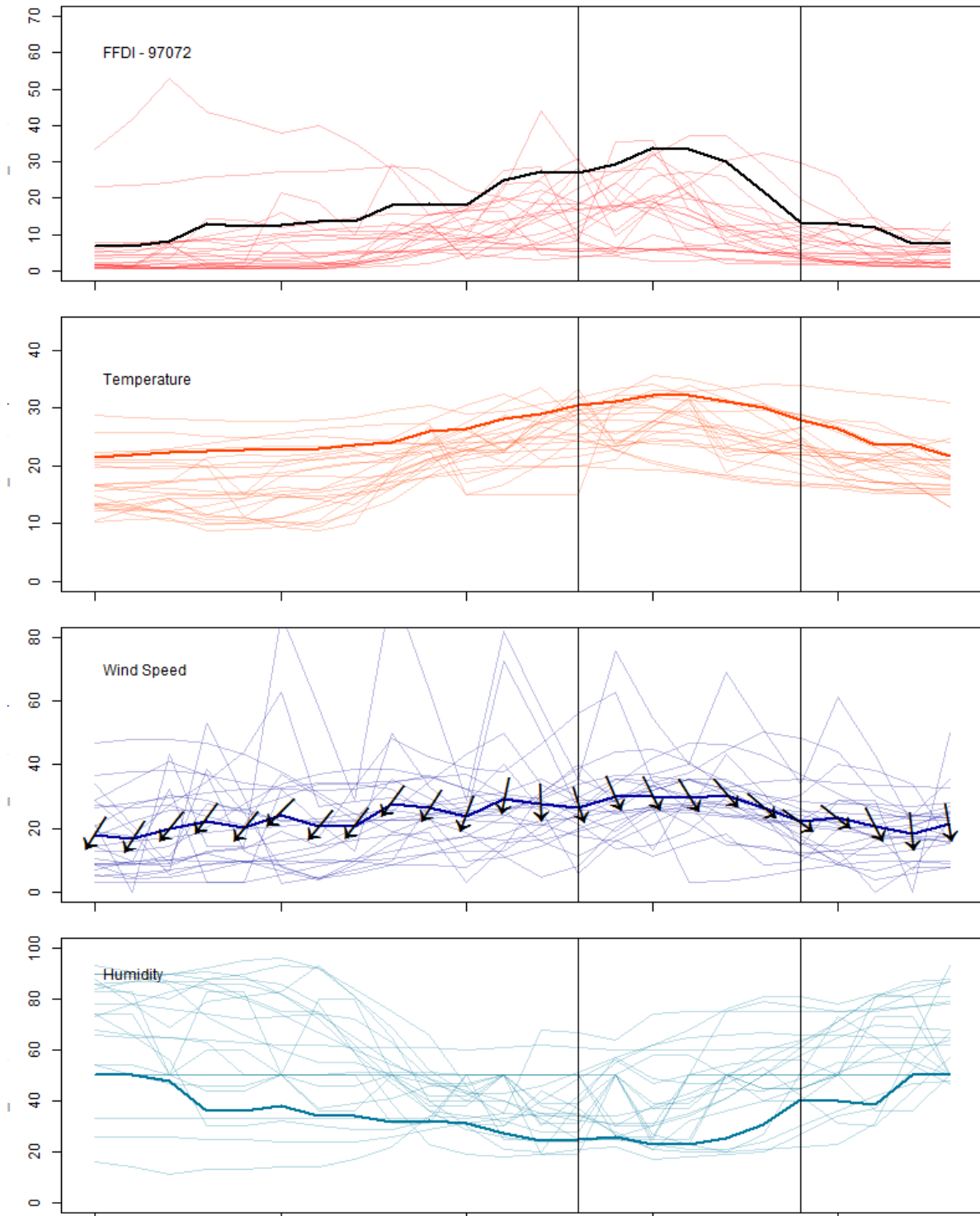


Figure 120: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Rosebery (HEC Substation) weather station (no. 97073).



Figure 121: Estimated Tasmanian land area represented by the Rosebery (HEC Substation) (no. 97073) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 40: PHOENIX Rapidfire weather inputs for ignition points located in the Rosebery (HEC Substation) (no. 97073) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	28.6	30.3	335	25	10	100	0
14:00	29.4	30.2	319	25	10	100	0
15:00	29.6	33.3	318	25	10	100	0
16:00	29.1	35.3	311	25	10	100	0
17:00	27.9	41	304	25	10	100	0
18:00	27.8	37	316	24	10	100	0
19:00	27.1	34.5	316	21	10	100	0
20:00	25.7	42.3	315	20	10	100	0
21:00	23.2	46.5	318	20	10	100	0
22:00	22.7	50	323	17	10	100	0

3.33 93025 ROSS (MACQUARIE RIVER) WEATHER STATION

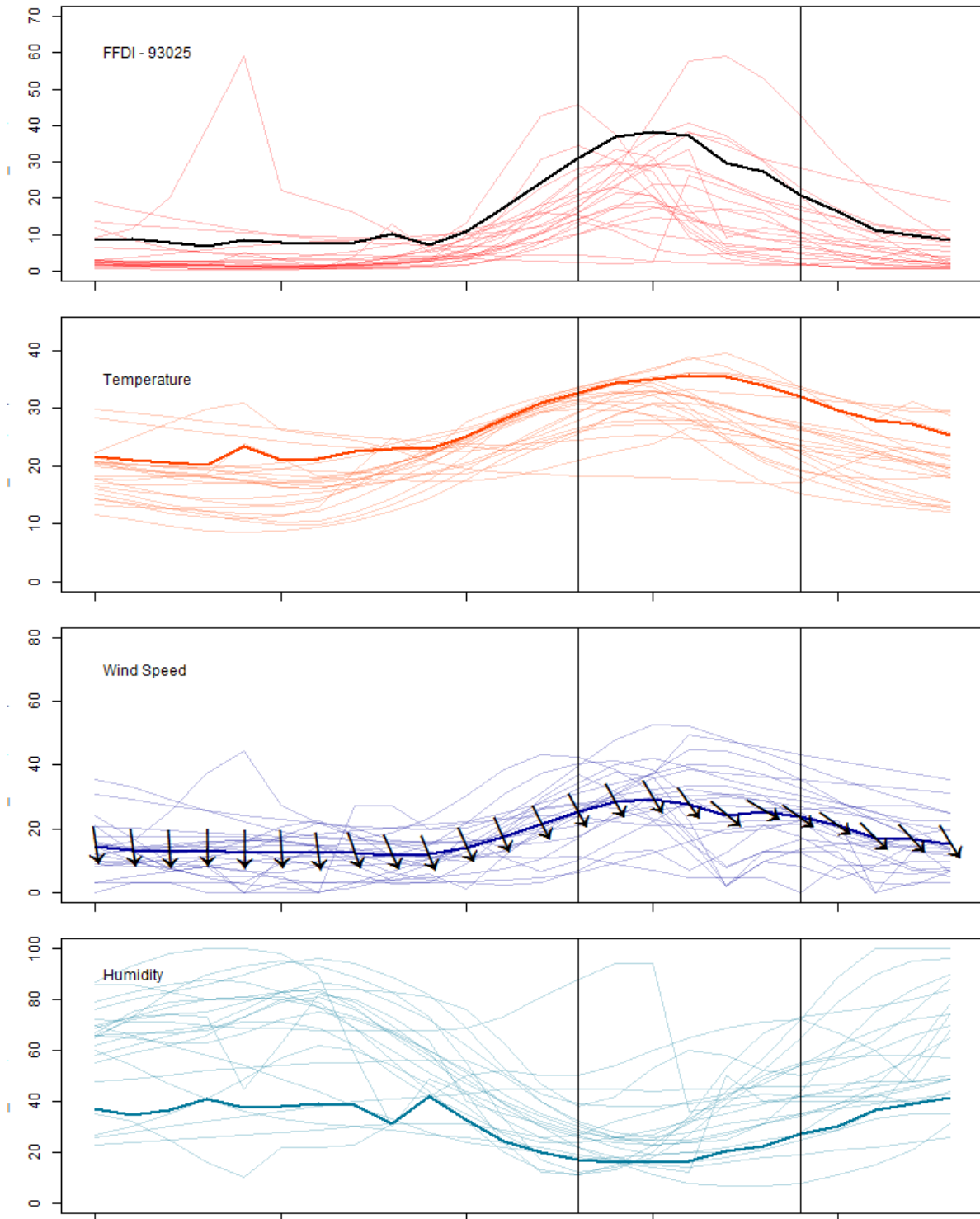


Figure 122. Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Ross (Macquarie River) weather station (no. 93025).

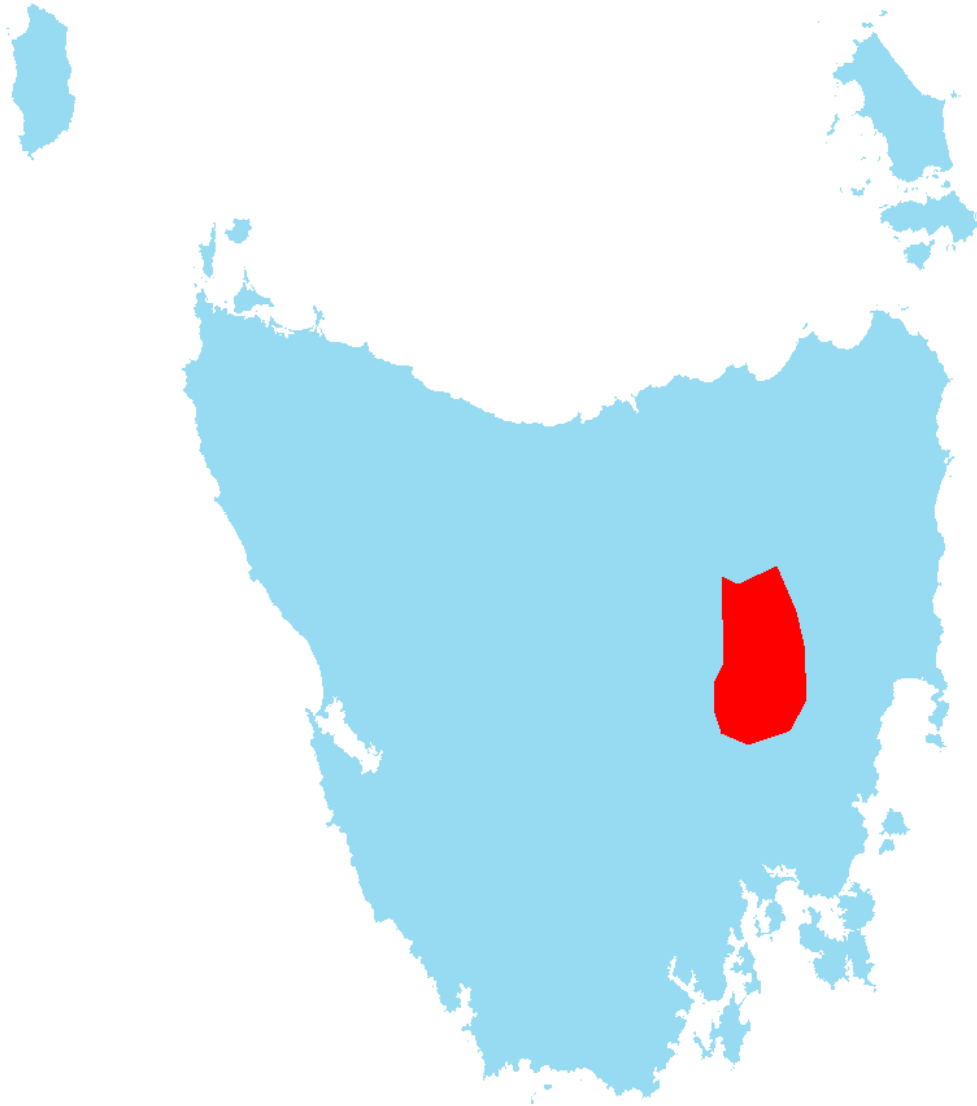


Figure 123: Estimated Tasmanian land area represented by the Ross (Macquarie River) (no. 93025) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 41: PHOENIX Rapidfire weather inputs for ignition points located in the Ross (Macquarie River) (no. 93025) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.6	17.2	332	25	8.4	84	0
14:00	34.4	16	331	28	8.4	84	1.2
15:00	35	16.3	330	29	8.4	84	0
16:00	35.7	16.6	325	28	8.4	84	0
17:00	35.4	20.3	310	24	8.4	84	0
18:00	34	22.5	301	25	8.4	84	0
19:00	32	27.2	305	24	8.4	84	0
20:00	29.6	30.2	305	21	8.4	84	0
21:00	27.8	36.5	315	17	8.4	84	0
22:00	27.3	39.2	317	17	8.4	84	0

3.34 91091 SHEFFIELD WEATHER STATION

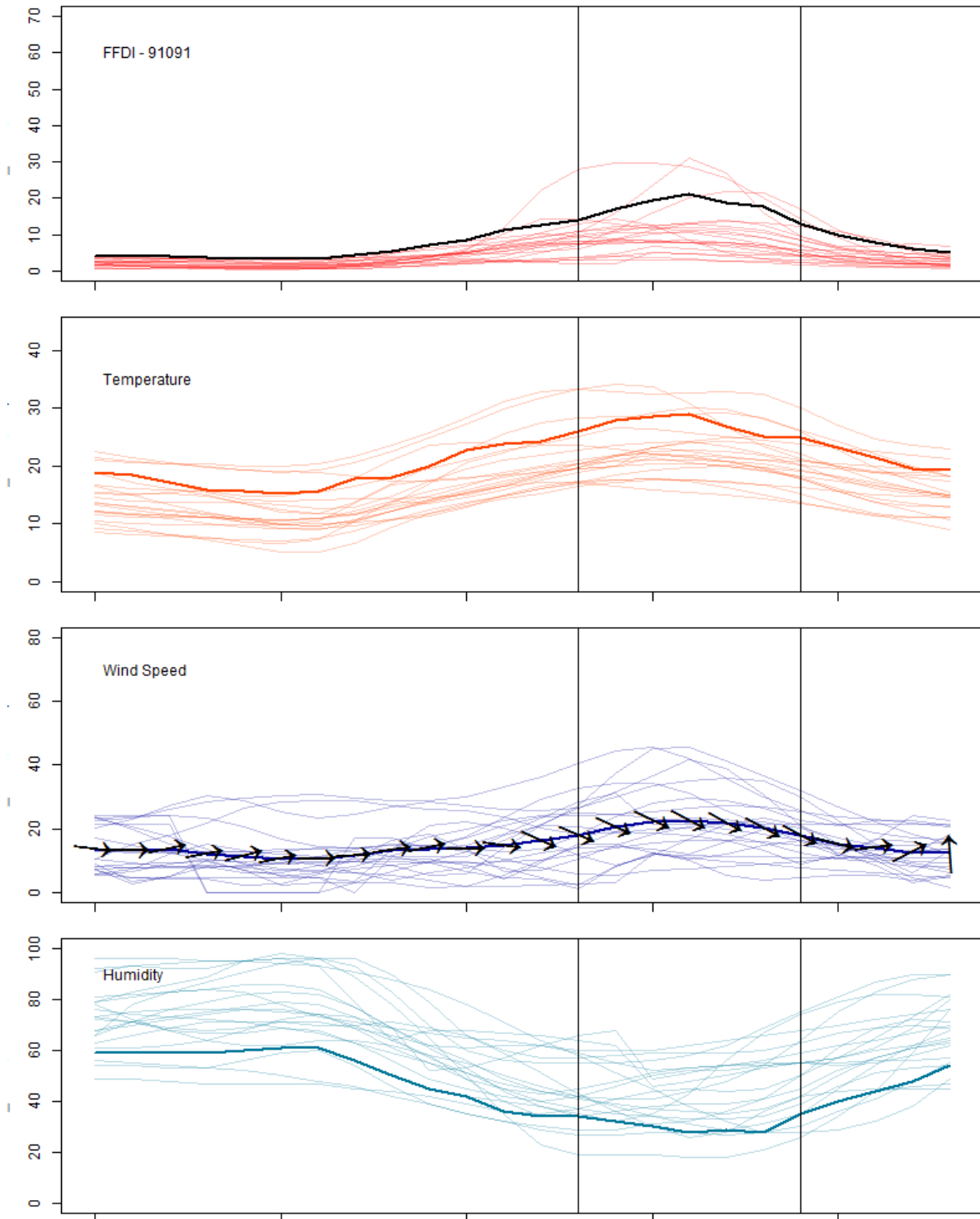


Figure 124: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Sheffield weather station (no. 91091).



Figure 125: Estimated Tasmanian land area represented by the Sheffield (no. 91091) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 42: PHOENIX Rapidfire weather inputs for ignition points located in the Sheffield (no. 91091) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	26.1	34	293	18	10	100	8
14:00	27.8	32	295	21	10	100	8
15:00	28.5	30	295	22	10	100	13
16:00	28.9	28	298	23	10	100	20
17:00	26.9	29	299	22	10	100	21
18:00	25.2	28	298	20	10	100	0
19:00	24.9	35	298	18	10	100	0
20:00	23.2	40	284	15	10	100	0
21:00	21.5	44	263	14	10	100	0
22:00	19.6	48	243	13	10	100	0

3.35 91092 SMITHTON (GRANT STREET) WEATHER STATION

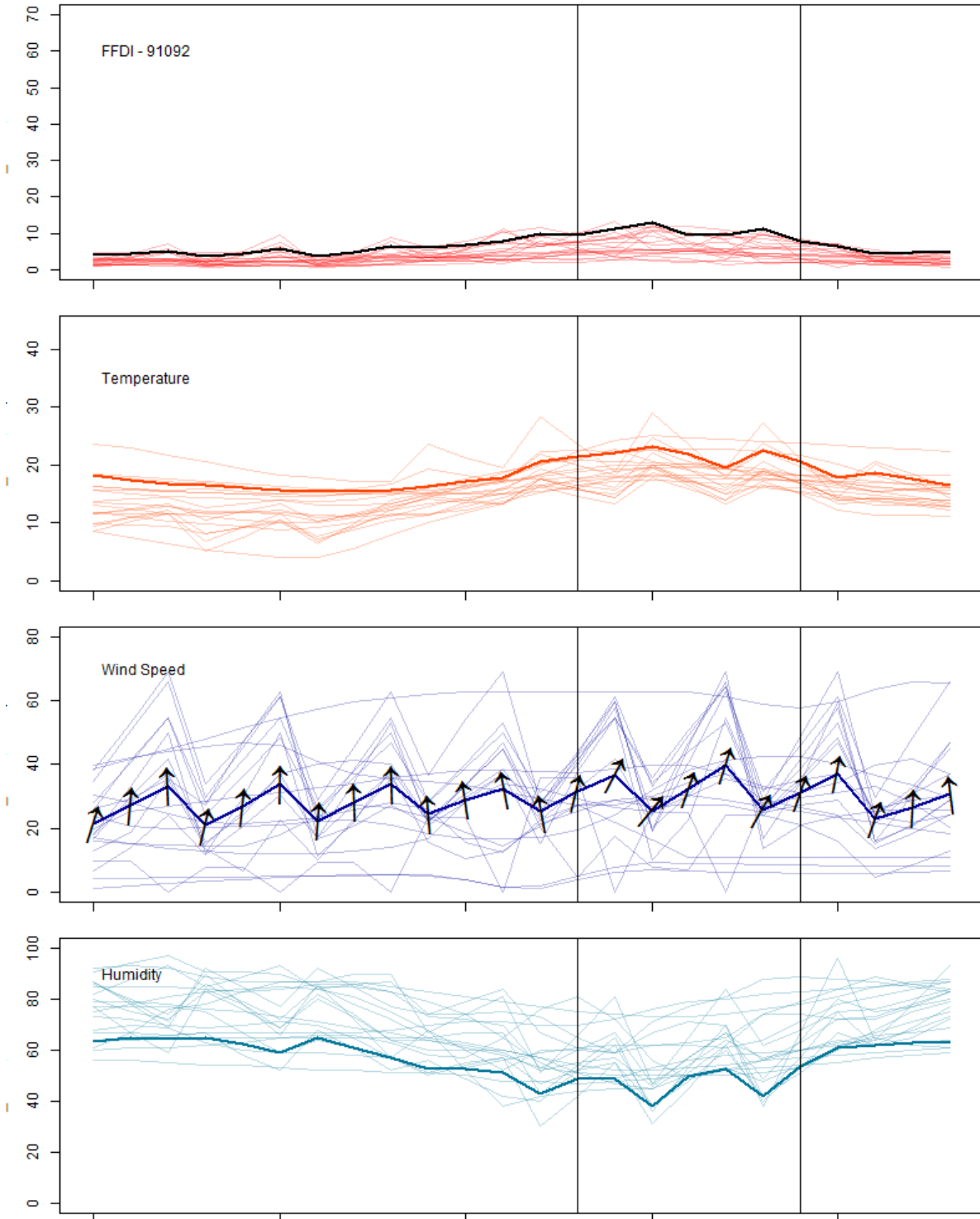


Figure 126: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Smithton (Grant Street) weather station (no. 91092).



Figure 127: Estimated Tasmanian land area represented by the Smithton (Grant Street) (no. 91092) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 43: PHOENIX Rapidfire weather inputs for ignition points located in the Smithton (Grant Street) (no. 91092) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	21.4	48.7	194	31	9.7	97	0
14:00	22	48.9	208	37	9.7	97	0
15:00	23.1	38	220	25	9.7	97	26.35
16:00	21.9	49.9	199	33	9.7	97	22.1
17:00	19.5	52.9	198	40	9.7	97	0
18:00	22.6	42	210	26	9.7	97	0
19:00	20.5	53.9	199	31	9.7	97	0
20:00	17.9	60.9	191	37	9.7	97	0
21:00	18.6	62	199	23	9.7	97	0
22:00	17.6	62.9	183	27	9.7	97	0

3.36 94062 SNUG PRIMARY SCHOOL WEATHER STATION

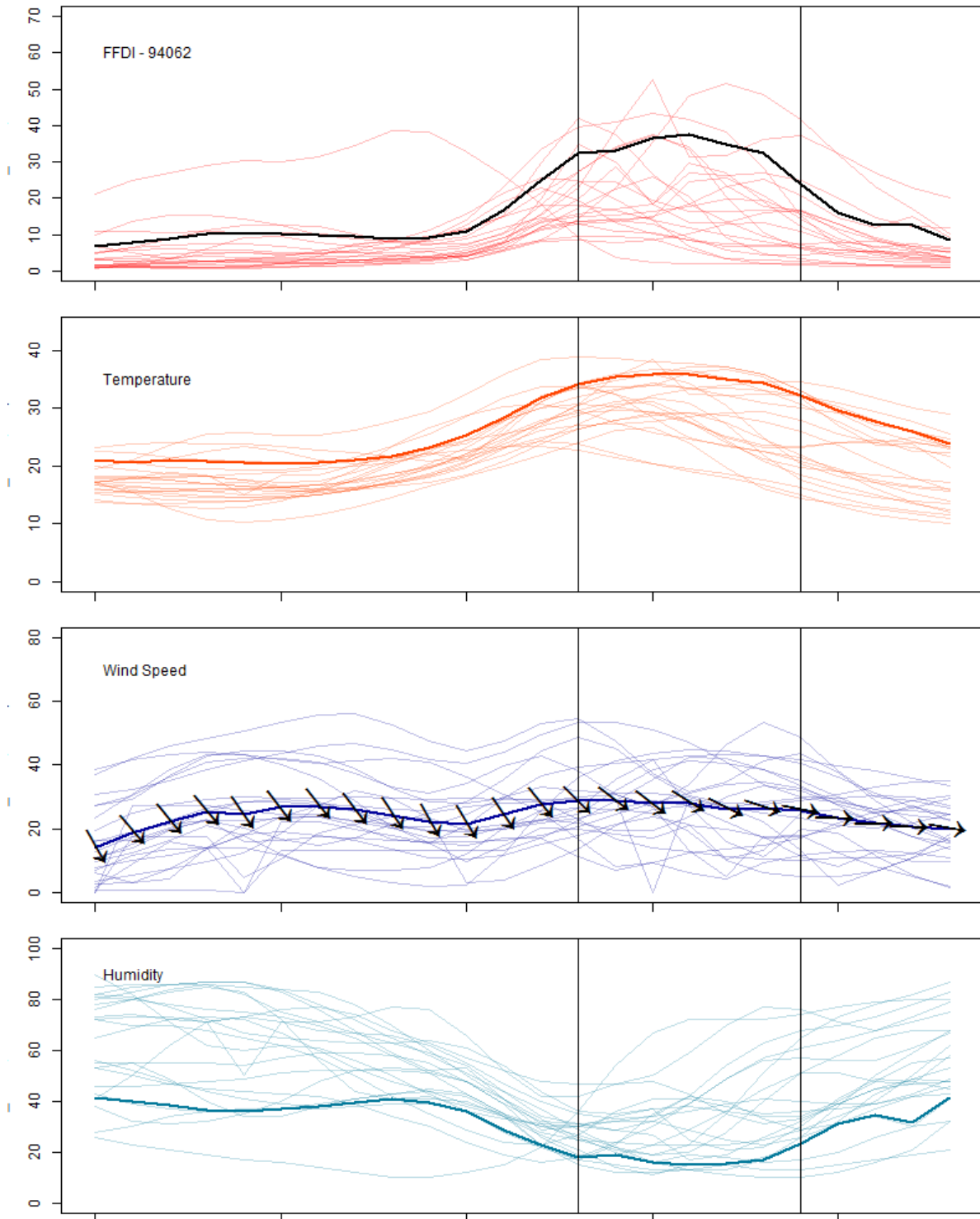


Figure 128: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Snug Primary School weather station (no. 94062).



Figure 129: Estimated Tasmanian land area represented by the Snug Primary School (no. 94062) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 44: PHOENIX Rapidfire weather inputs for ignition points located in the Snug Primary School (no. 94062) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34	18.2	315	29	7.9	79	0
14:00	35.4	19.2	308	29	7.9	79	0
15:00	35.9	16	308	28	7.9	79	0
16:00	35.9	15.3	302	28	7.9	79	0
17:00	35.1	15.5	297	26	7.9	79	0
18:00	34.4	17.2	288	26	7.9	79	0
19:00	32.2	23.5	281	26	7.9	79	0
20:00	29.6	31	272	23	7.9	79	0
21:00	27.8	34.5	268	22	7.9	79	0
22:00	25.9	31.8	273	21	7.9	79	0

3.37 92033 ST HELENS POST OFFICE WEATHER STATION

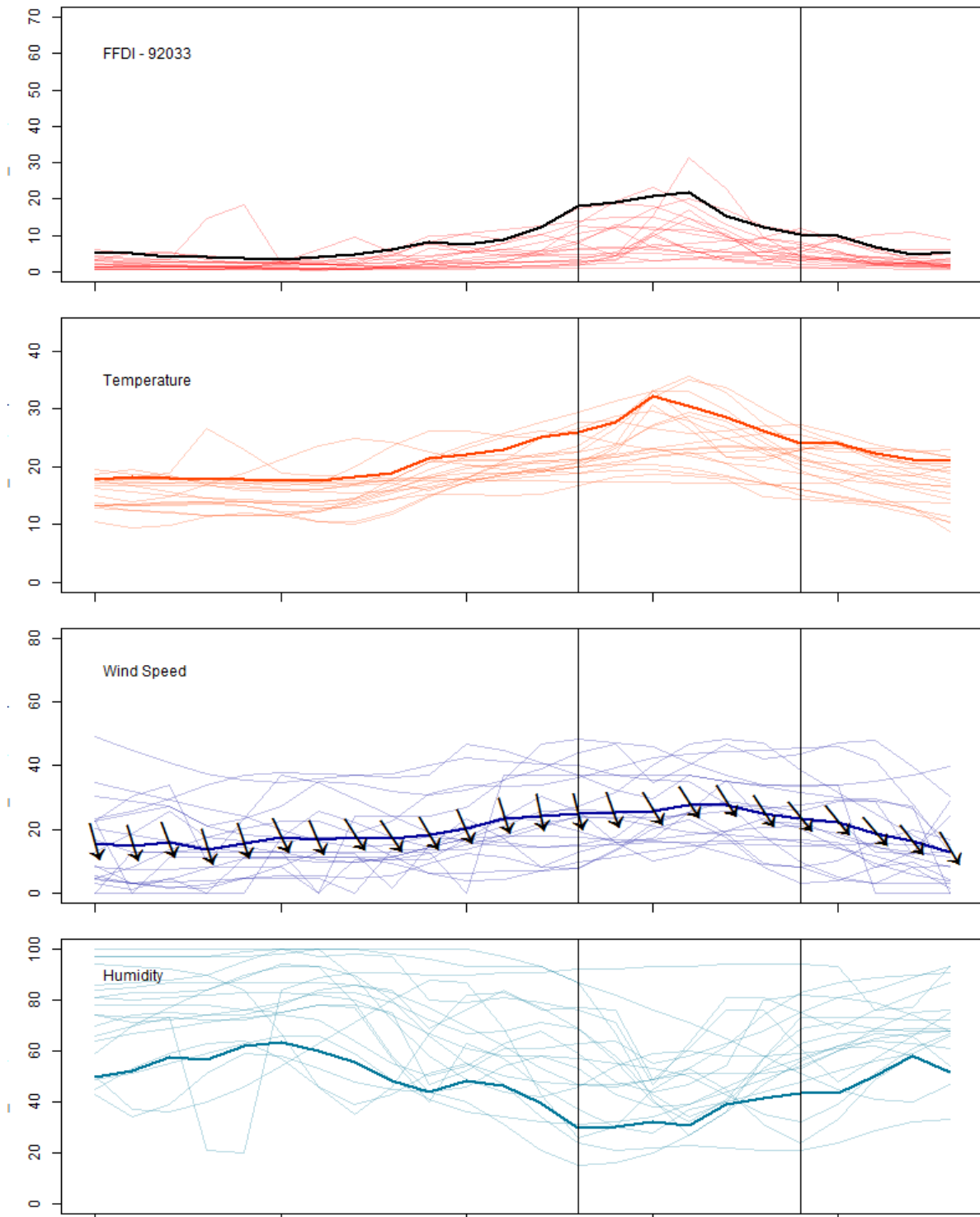


Figure 130: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the St Helens Post Office weather station (no. 92033).

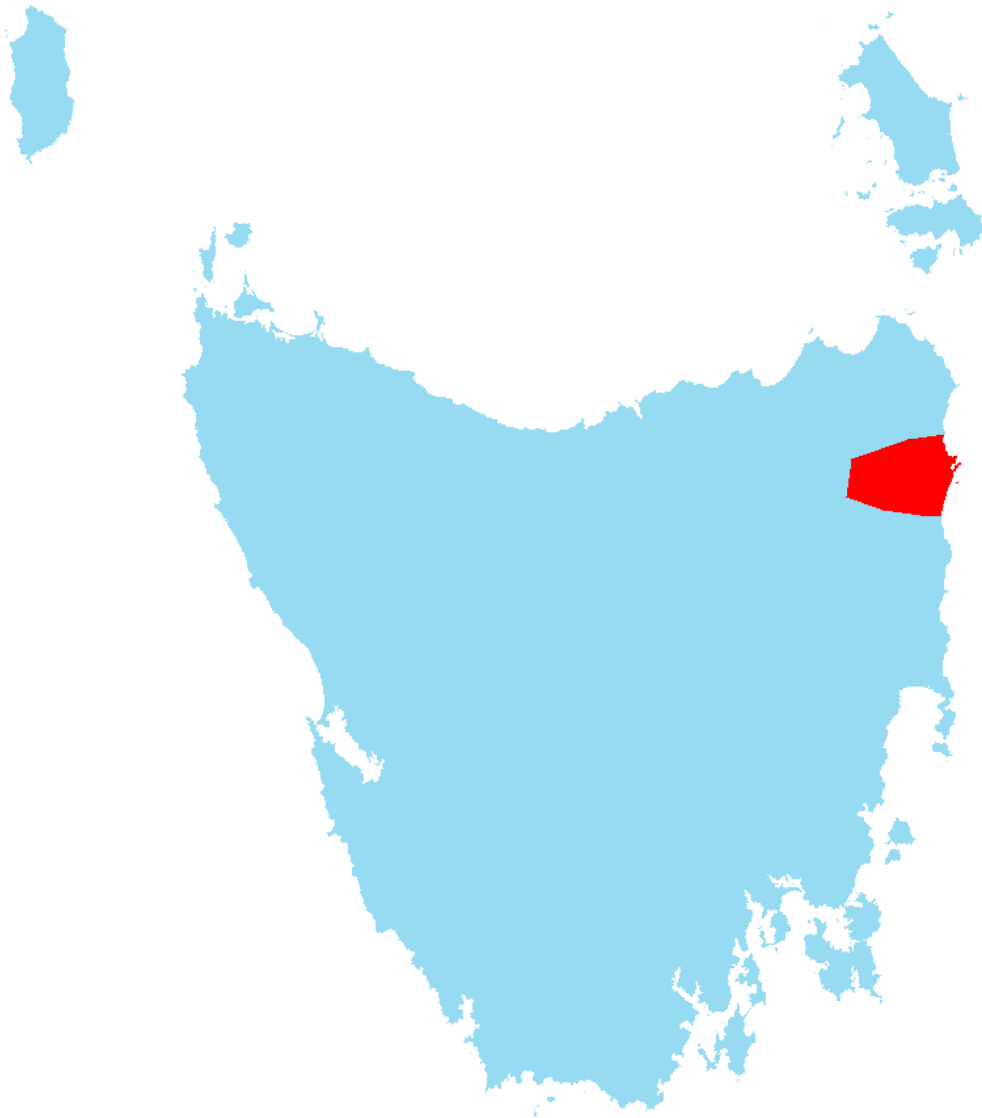


Figure 131: Estimated Tasmanian land area represented by the St Helens Post Office (no. 92033) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 45: PHOENIX Rapidfire weather inputs for ignition points located in the St Helens Post Office (no. 92033) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	25.9	29.5	346	25	9.4	94	0
14:00	27.8	30	340	25	9.4	94	0
15:00	32.3	32.2	329	26	9.4	94	1.4
16:00	30.5	30.5	328	28	9.4	94	0.7
17:00	28.5	38.8	328	28	9.4	94	0
18:00	26.1	41.3	327	25	9.4	94	0
19:00	24	43.2	321	23	9.4	94	0
20:00	24	43.2	321	22	9.4	94	0
21:00	22.2	50.4	319	19	9.4	94	0
22:00	21.2	58	322	16	9.4	94	0

3.38 97072 STRAHAN AERODROME WEATHER STATION

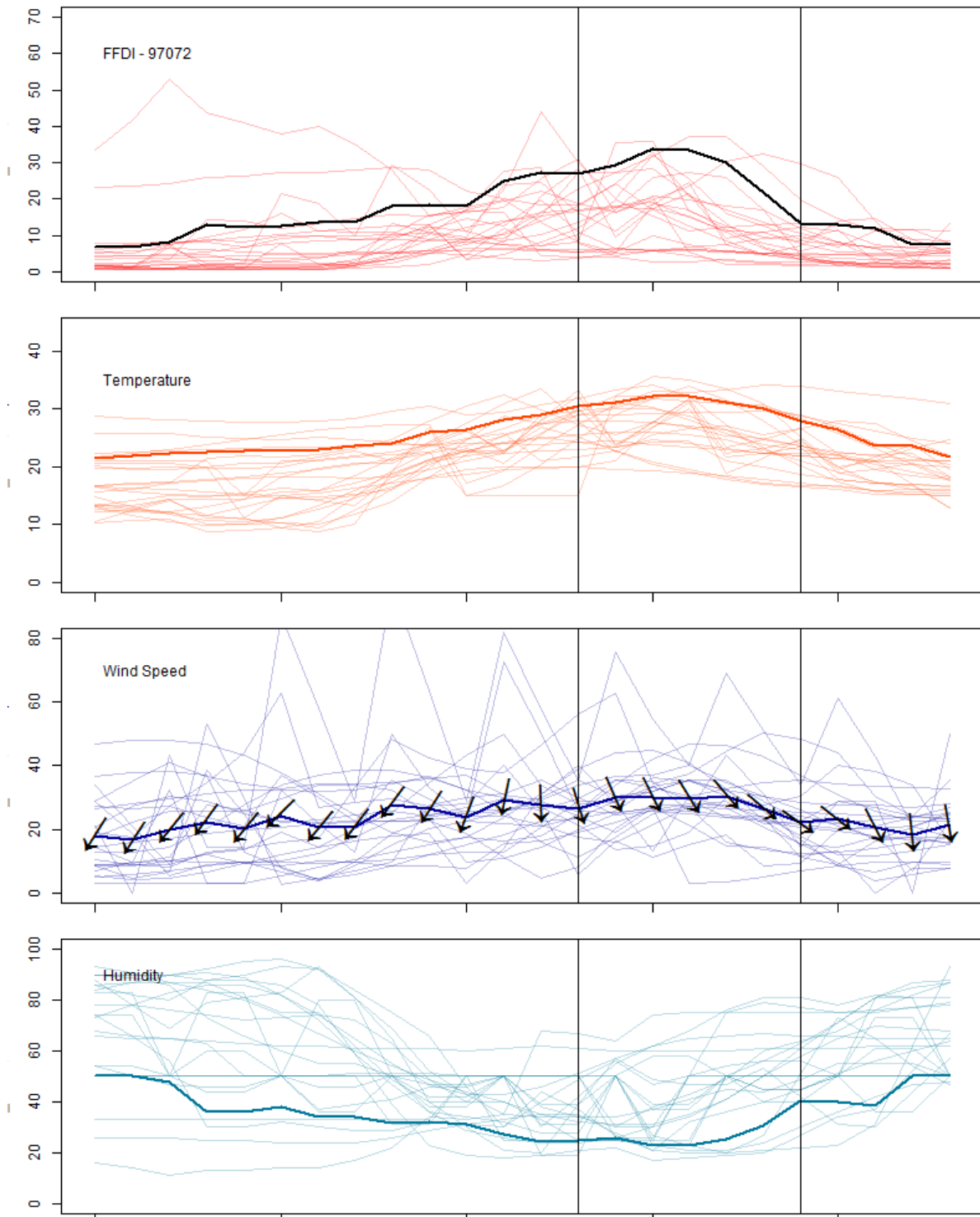


Figure 132: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Strahan Aerodrome weather station (no. 97072).

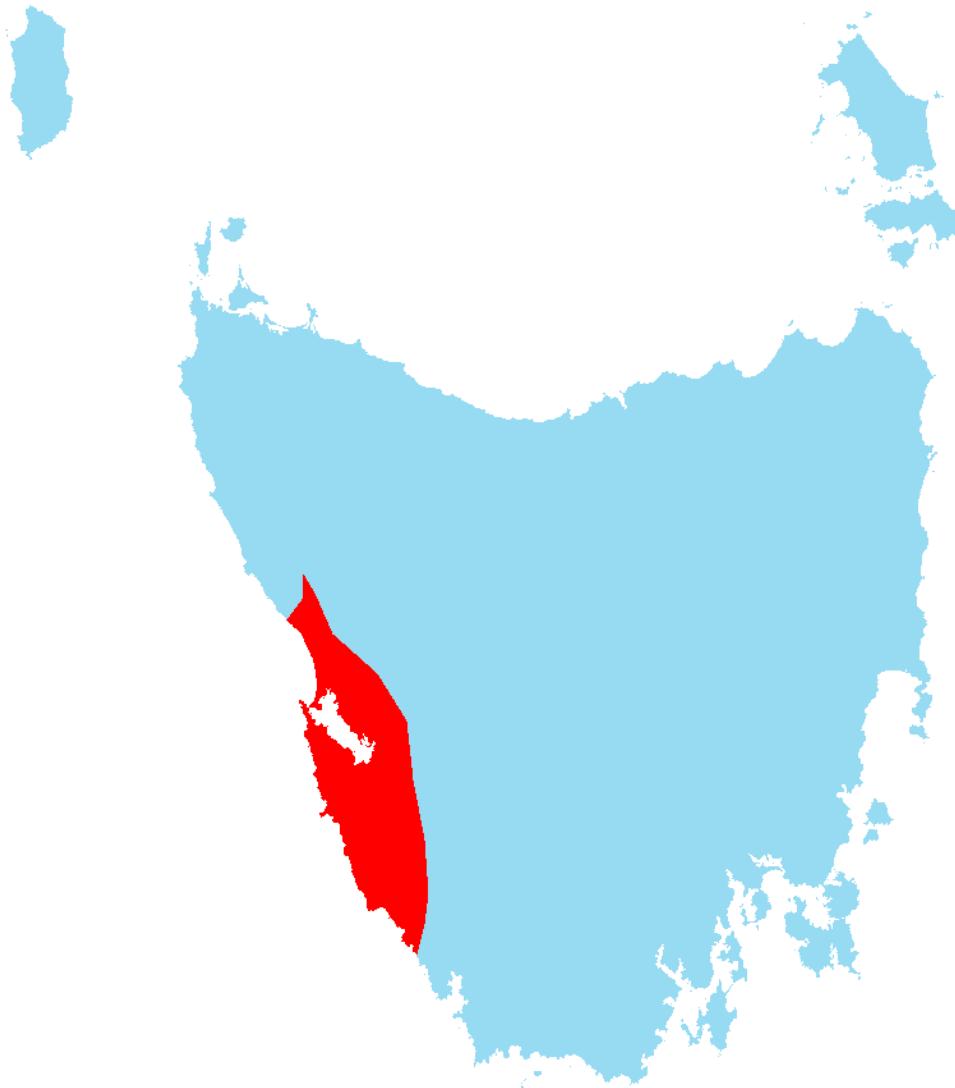


Figure 133: Estimated Tasmanian land area represented by the Strahan Aerodrome (no. 97072) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 46: PHOENIX Rapidfire weather inputs for ignition points located in the Strahan Aerodrome (no. 97072) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.4	25	343	26	10	100	0
14:00	31.1	26	337	30	10	100	0
15:00	32.2	23	334	30	10	100	0
16:00	32.2	23	328	30	10	100	0
17:00	31.2	25.5	320	30	10	100	0
18:00	30	30.9	310	26	10	100	0
19:00	27.9	40.6	306	22	10	100	0
20:00	26.5	40.2	308	23	10	100	0
21:00	23.7	38.5	333	21	10	100	0
22:00	23.7	50	354	18	10	100	0

3.39 97053 STRATHGORDON VILLAGE WEATHER STATION

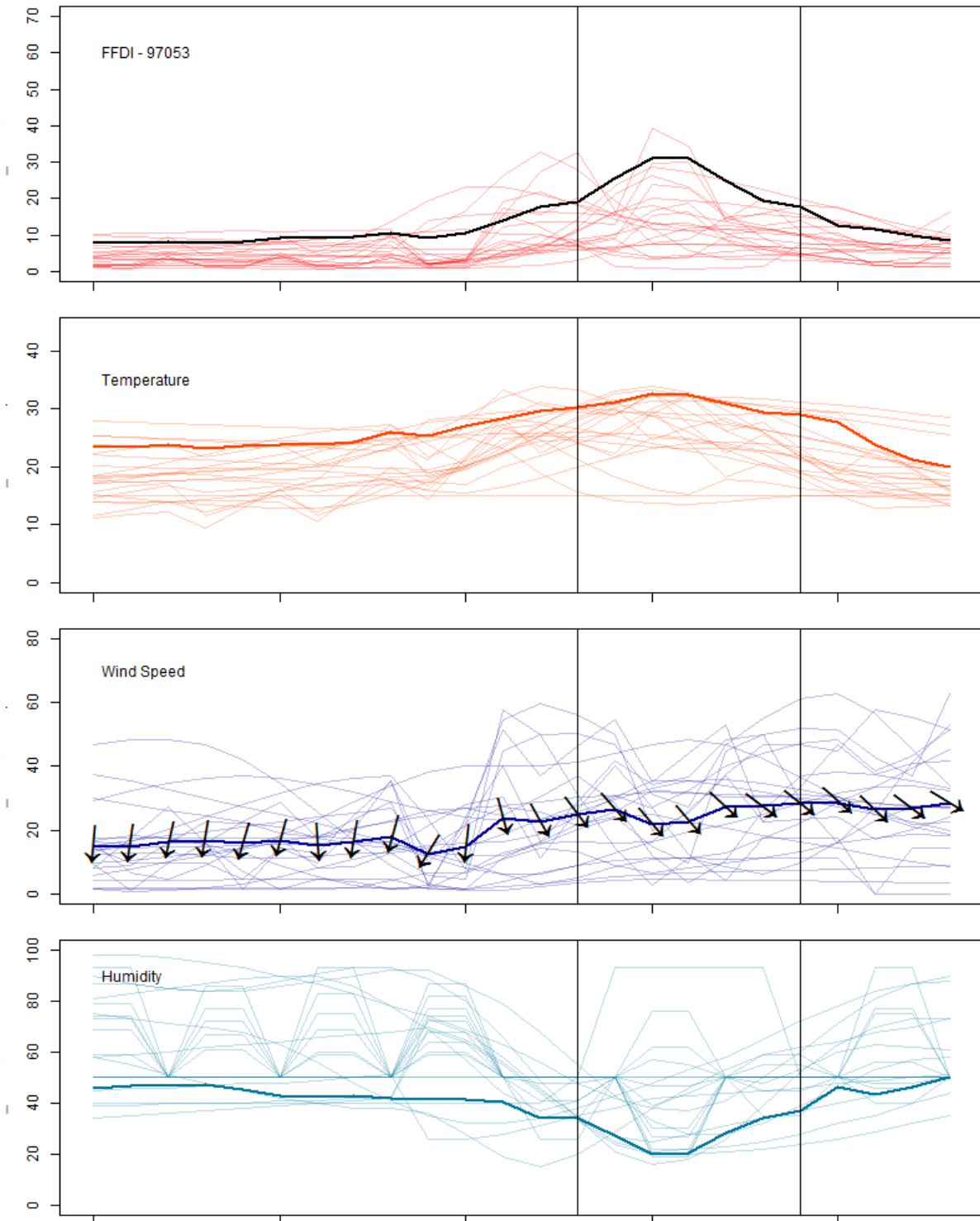


Figure 134: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Strathgordon Village weather station (no. 97053).



Figure 135: Estimated Tasmanian land area represented by the Strathgordon Village (no. 97053) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 47: PHOENIX Rapidfire weather inputs for ignition points located in the Strathgordon Village (no. 97053) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.3	34	322	25	10	100	0
14:00	31.2	27	318	26	10	100	0
15:00	32.7	20	319	21	10	100	0
16:00	32.3	22	319	22	10	100	0
17:00	30.1	28	311	27	10	100	0
18:00	29.3	34	305	27	10	100	0
19:00	28.9	37	307	28	10	100	0
20:00	28.4	46	311	29	10	100	0
21:00	23.9	43	313	26	10	100	0
22:00	20.6	46	306	27	10	100	0

3.40 92038 SWANSEA POST OFFICE

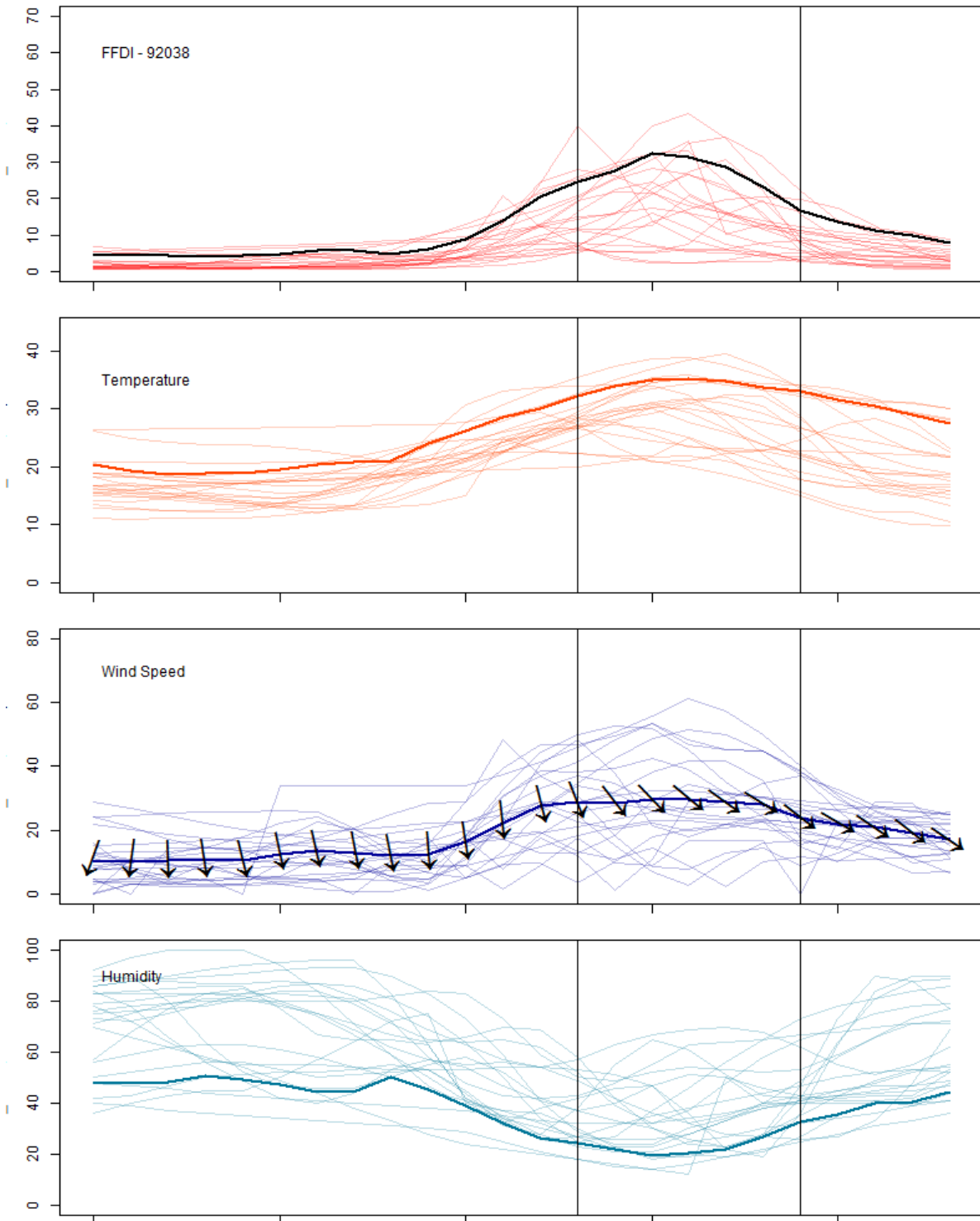


Figure 136: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Swansea Post Office weather station (no. 92038).



Figure 137: Estimated Tasmanian land area represented by the Swansea Post Office (no. 92038) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 48: PHOENIX Rapidfire weather inputs for ignition points located in the Swansea Post Office (no. 92038) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.1	24.2	339	29	7.8	78	15.05
14:00	33.9	22.2	322	28	7.8	78	29
15:00	35.1	19.3	316	29	7.8	78	27.6
16:00	35.3	20.6	310	29	7.8	78	31
17:00	34.7	22.2	306	29	7.8	78	31
18:00	33.8	27	302	28	7.8	78	0
19:00	33	32.5	308	24	7.8	78	0
20:00	31.5	35.8	300	22	7.8	78	0
21:00	30.5	40.2	304	21	7.8	78	0
22:00	28.9	40.3	308	19	7.8	78	0

3.41 95018 TARRALEAH VILLAGE WEATHER STATION

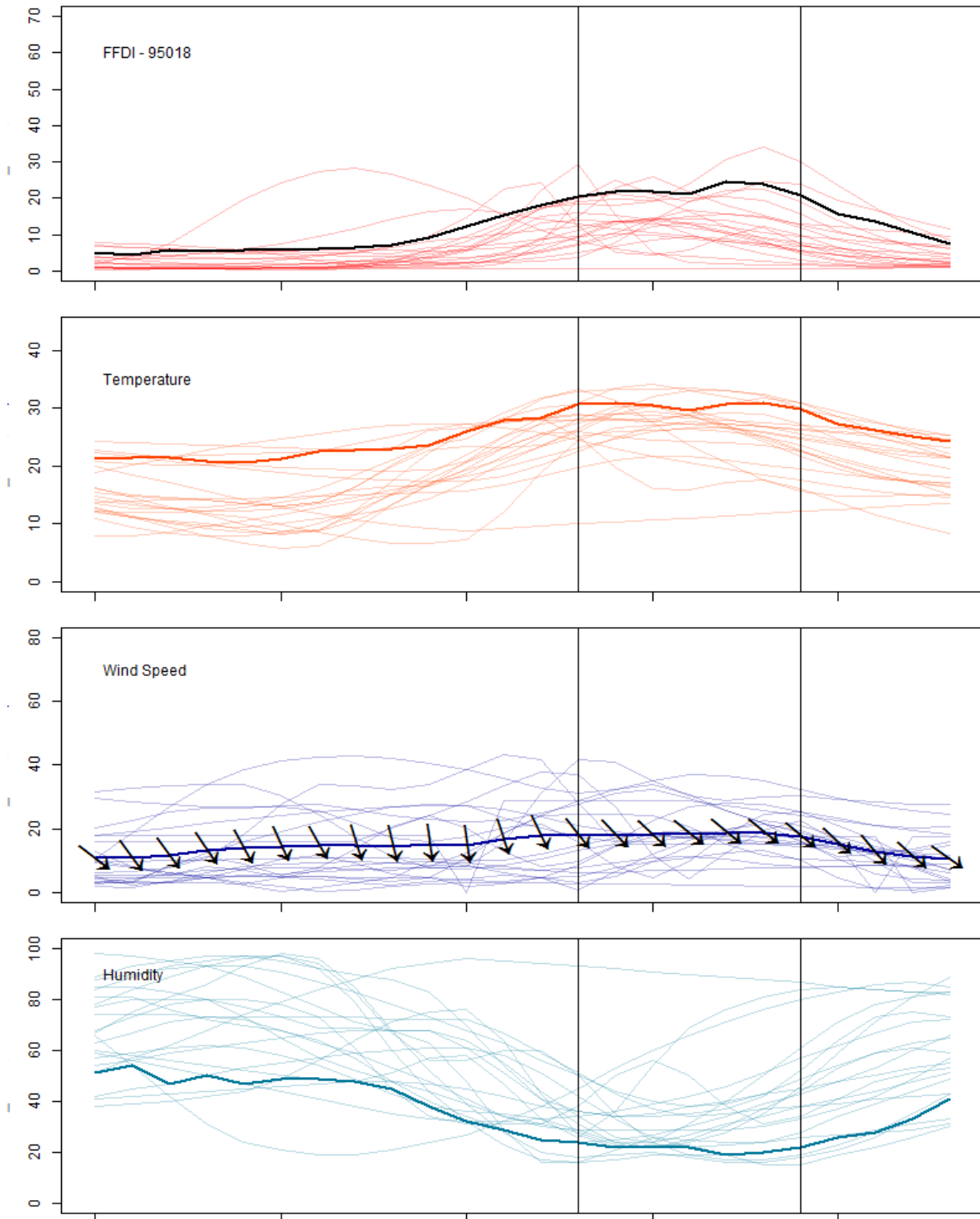


Figure 138: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Tarraleah Village weather station (no. 95018).



Figure 139: Estimated Tasmanian land area represented by the Tarraleah Village (no. 95018) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 49: PHOENIX Rapidfire weather inputs for ignition points located in the Tarraleah Village (no. 95018) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	30.8	24	322	18	8.7	87	0
14:00	30.9	22	316	18	8.7	87	0
15:00	30.6	22	313	18	8.7	87	0
16:00	29.6	22	309	18	8.7	87	0
17:00	30.8	19	310	19	8.7	87	0
18:00	30.8	20	309	19	8.7	87	0
19:00	29.7	22	310	18	8.7	87	0
20:00	27.2	26	313	15	8.7	87	0
21:00	26.2	28	320	13	8.7	87	0
22:00	25.2	33	312	11	8.7	87	0

3.42 94075 TASMAN ISLAND LIGHTHOUSE

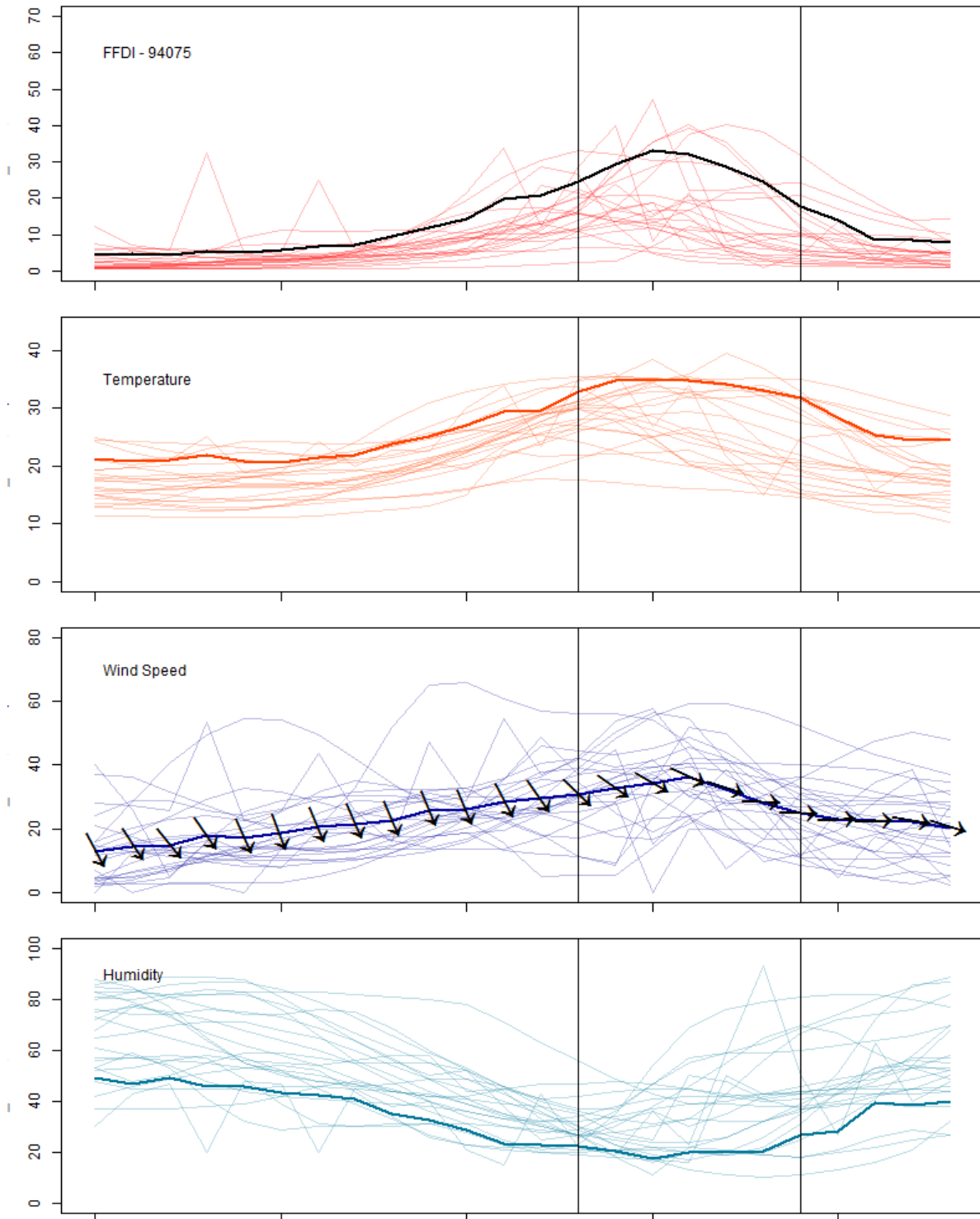


Figure 140: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Tasman Island Lighthouse weather station (no. 94075).



Figure 141: Estimated Tasmanian land area represented by the Tasman Island Lighthouse (no. 94075) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 50: PHOENIX Rapidfire weather inputs for ignition points located in the Tasman Island Lighthouse (no. 94075) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	32.9	22.3	314	31	6.8	68	0
14:00	34.7	20.3	305	33	6.8	68	0
15:00	34.7	17.6	300	34	6.8	68	0
16:00	34.7	20	295	36	6.8	68	0
17:00	34.1	20	288	32	6.8	68	9.6
18:00	33.1	20.6	273	28	6.8	68	0
19:00	31.9	26.8	272	25	6.8	68	0
20:00	28.3	28.5	267	23	6.8	68	2.4
21:00	25.4	39.6	269	23	6.8	68	6.6
22:00	24.5	38.6	280	22	6.8	68	1.2

3.43 94067 TUNNACK POST OFFICE WEATHER STATION

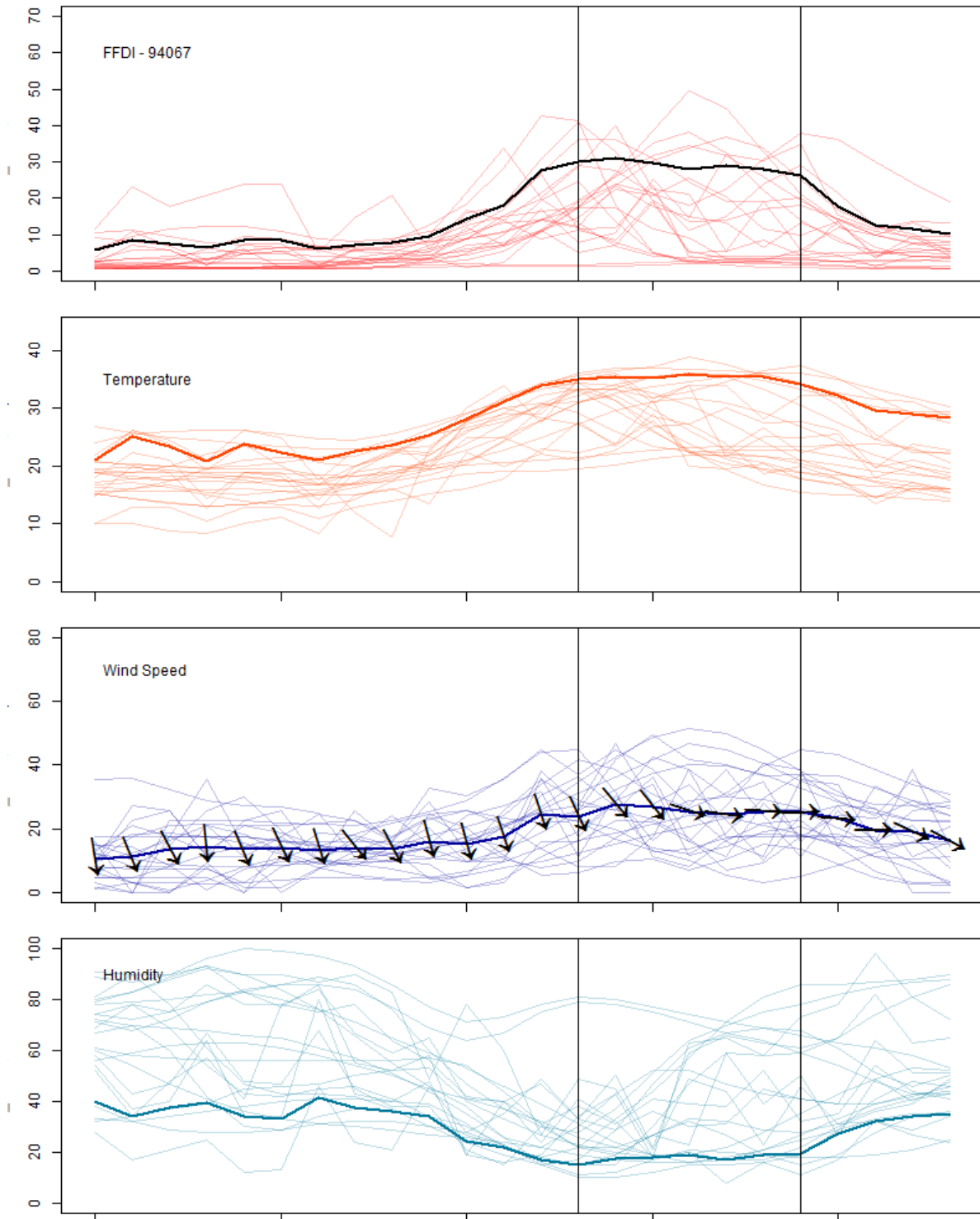


Figure 142: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Tunnack Post Office weather station (no. 94067).



Figure 143: Estimated Tasmanian land area represented by the Tunnack Post Office (no. 94067) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 51: PHOENIX Rapidfire weather inputs for ignition points located in the Tunnack Post Office (no. 94067) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	34.9	15.3	335	24	7.2	72	0
14:00	35.3	17.3	320	28	7.2	72	0
15:00	35.1	18	322	27	7.2	72	0
16:00	35.9	19.2	288	25	7.2	72	0
17:00	35.4	17.2	278	24	7.2	72	0
18:00	35.5	19	274	25	7.2	72	0
19:00	34.1	19.5	268	25	7.2	72	0
20:00	32.2	27.3	275	23	7.2	72	0
21:00	29.6	32.2	269	20	7.2	72	0
22:00	29	34.2	295	19	7.2	72	0

3.44 91107 WYNYARD AIRPORT WEATHER STATION

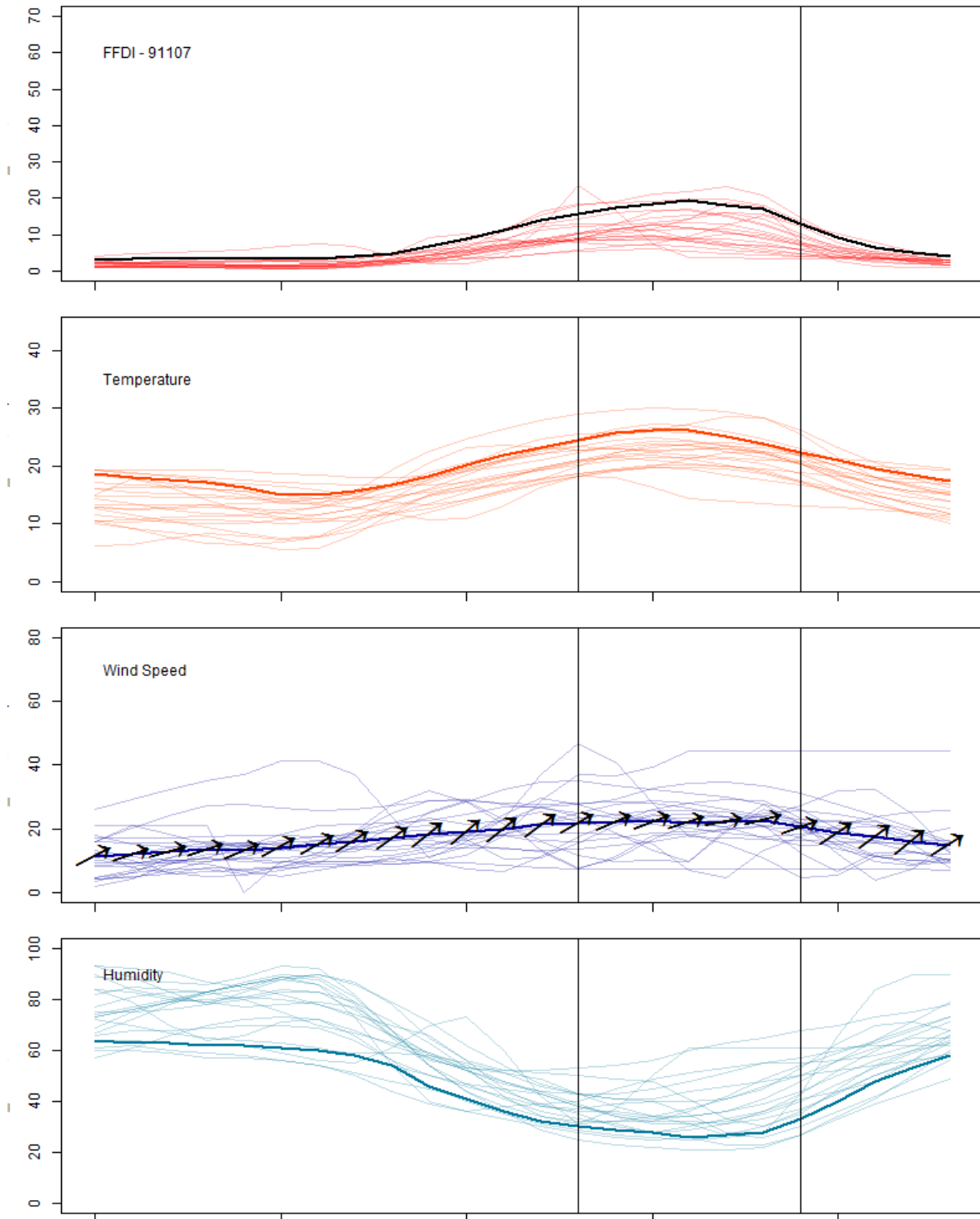


Figure 144: Comparison of daily meteorological records and synthetic aggregate meteorological variables for the Wynyard Airport weather station (no. 91107).

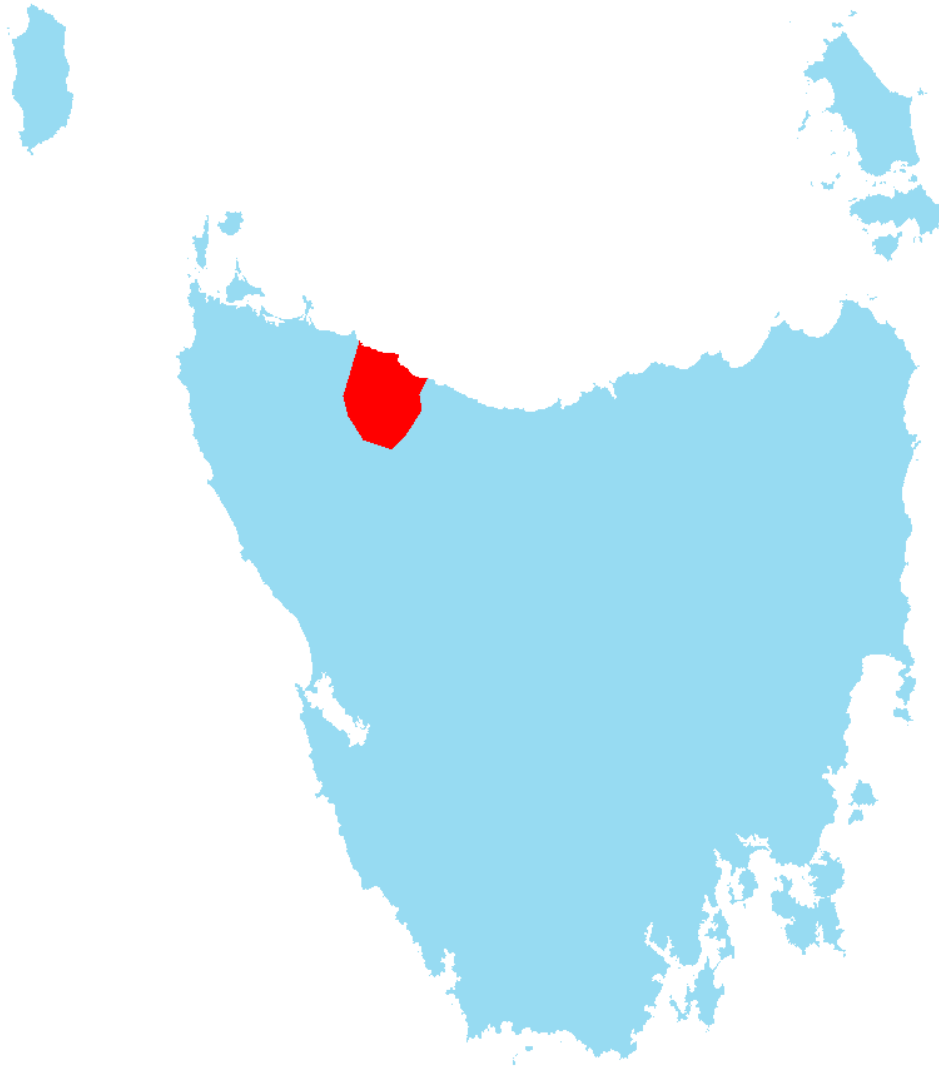


Figure 145: Estimated Tasmanian land area represented by the Wynyard Airport (no. 91107) Bureau of Meteorology weather station (shown in red) (Department of Primary Industries, Parks, Water & the Environment, 2014).

Table 52: PHOENIX Rapidfire weather inputs for ignition points located in the Wynyard Airport (no. 91107) weather station area.

Time	Temperature (°C)	Relative Humidity (%)	Wind Direction (°)	Wind Speed (km/h)	Drought Factor	Curing (%)	Cloud Cover (%)
13:00	24.4	30	240	22	9.5	95	0
14:00	25.8	29	247	22	9.5	95	13
15:00	26.2	28	249	23	9.5	95	12
16:00	26.2	26	252	22	9.5	95	17
17:00	25.1	27	259	22	9.5	95	22
18:00	23.8	28	256	23	9.5	95	0
19:00	22.4	33	251	21	9.5	95	0
20:00	21	40	237	19	9.5	95	0
21:00	19.6	48	233	18	9.5	95	0
22:00	18.4	53	231	16	9.5	95	0