

<b>GDF SUEZ Hazelwood</b>	<b>Check List For Season Specific Fire Preparedness and Mitigation Planning</b>
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## **International Power – Hazelwood Mine**

### **Check List For Season Specific Fire Preparedness and Mitigation Planning**

**GDF SUEZ  
Hazelwood**

**Check List For Season Specific Fire Preparedness and Mitigation  
Planning**

**12 Monthly Average Comparison Monitoring Matrices at Latrobe Valley Airport**

Log-in then: [http://www.bom.gov.au/climate/averages/tables/cw\\_085280.shtml](http://www.bom.gov.au/climate/averages/tables/cw_085280.shtml)

Criteria Or Month	January	February	March	April	May	June	July	August	September	October	November	December
	SUMMER		AUTUMN			WINTER			SPRING		SUMMER	
Rainfall (23 year average)	54.2	39.9	45.9	58.4	54.3	60.2	66.1	63.1	80.0	79.3	75.1	67.6
Rainfall (2004)	59.2	38.8	13.4	51.2	46.2	72.0	43.8	58.0	80.0	41.0	81.4	82.4
Rainfall (2005)	42.6	89.2	20.2	23.2	17.2	27.4	74.6	73.8	62.1	43.6	42.2	54.4
Rainfall (2006)	80.0	23.8	16.0	78.6	73.6	8.4	30.4	36.0	39.2	13.0	41.8	23.2
Rainfall (2007)	37.4	55.8	57.4	33.6	42.4	56.2						
Rainfall (2008)												

Rel. Humidity (23 yr ave)	74	79	81	84	89	90	89	85	81	74	76	72
Rel. Humidity (2004)	73	77	77	80	85	82	89	88	86	78	80	77
Rel. Humidity (2005)	76	86	87	82	88	94	90	83	87	75	74	64
Rel. Humidity (2006)	73	83	87	83	91	94	92	90	82	67	71	66
Rel. Humidity (2007)	72	78	85									
Rel. Humidity (2008)												

Max Temperature (23 yr ave)	26.0	26.6	24.2	20.4	16.8	14.1	13.6	14.8	16.8	19.2	21.5	24.0
Max Temperature (2004)	25.4	26.6	25.2	21.2	16.0	14.1	12.7	15.4	17.0	20.1	21.9	23.8
Max Temperature (2005)	27.0	23.7	23.3	23.8	18.0	15.7	14.6	15.7	17.3	20.7	24.2	26.6
Max Temperature (2006)	28.6	26.3	26.7	18.3	15.6	13.2	14.1	15.7	18.7	21.6	23.7	25.8
Max Temperature (2007)	29.2	30.4	25.3									
Max Temperature (2008)												

**12 Monthly Rainfall Deciles Forecast Monitoring Matrix**

<http://www.eldersweather.com.au/raindeciles.jsp?lc=v17>

June	8	6	8	8	7		6	5	5	5	7	6	
July	7	7	6	5	8	6		6	4	7	7	7	
August													
September			<b>2008</b>								<b>2007</b>		
October													

10 Well above normal, 8-9 Above Normal, 4-7 Near Normal, 2-3 Below Normal, 1 Well below Normal

**2008**    **Current Month**    **2007**

Using the Elder's Weather web site, the monitoring of the 12 Monthly Rainfall Forecast will enable the likelihood of the future rainfall being above average, average, or below average. By recording the trends of Rainfall, Relative Humidity and Max Temperatures, and comparing the monthly values with their respective long term average, then the interpretation of the values can assist with the likelihood of when the Fire Season should be declared. Below average rainfall will probably trigger the early Fire Season declaration, while an average and above rainfall will result in a later Fire Season declaration. If an early Fire Season declaration has not been made, then the Fire Season declaration will start on the 1<sup>st</sup> of November.

Declaration of the Fire Season 2007 made on .....(month).

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Document Control:

Document Title	Paradigm No.	Annual Review	Annual Distribution
INTERNATIONAL POWER HAZELWOOD MINE – FIRE SERVICE POLICY & CODE OF PRACTICE	2589	/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – EMERGENCY RESPONSE PLAN	2895	/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – FIRE INSTRUCTIONS	2758	/ /	/ /
INTERNATIONAL POWER HAZELWOOD POWER MINE - FIRE TRAINING MANUAL		/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – GUIDELINES FOR SEASON & PERIOD SPECIFIC FIRE PREPAREDNESS AND MITIGATION PLANNING	36546	/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – GUIDELINES FOR SEASON SPECIFIC FIRE PREPAREDNESS AND MITIGATION PLANNING	36547	/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – CHECK LIST FOR FIRE FIGHTING EQUIPMENT ANNUAL AUDIT & INSPECTION	36548	/ /	/ /
INTERNATIONAL POWER HAZELWOOD MINE – CHECK LIST FOR SEASON SPECIFIC FIRE PREPAREDNESS AND MITIGATION PLANNING	36549	/ /	/ /

**Check List For Fire Fighting Equipment Annual Audit & Inspection:**

- Start date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Preliminary Audit & Inspection
- Start date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Final Audit & Inspection

**Emergency Evacuation Route Drawing LV \_\_\_\_ - \_\_\_\_ - \_\_\_\_ / \_\_\_\_:**

- Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Fire Breaks & Slashing Drawing LV \_\_\_\_ - \_\_\_\_ - \_\_\_\_ / \_\_\_\_:**

- Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Annual Aerial Photograph of Fire Service Spray Water Coverage:**

- Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Review the Period Specific Fire Preparedness & Mitigation Plan Criteria:**

The following five parameters are being used to determine the likelihood of declaring a high fire alert warning:

- 1.1 The minimum forecast relative humidity is below 25%;
- 1.2 The maximum forecast temperature is above 35 °C;
- 1.3 The maximum forecast wind speeds is above 30 km/hour (*independent of wind direction*);
- 1.4 The maximum wind gust speed is above 40 km/hour (*independent of wind direction*); and
- 1.5 The Forest or Grassland Fire Danger Index to exceed 40 for the Latrobe Valley or the Hazelwood Mine.