



Licensee:	Perilya Broken Hill Limited
Environmental Protection Licenses:	2688 and 2683
Locations:	Southern, Northern and Potosi Operations

Meteorological Summary

Table 1 is a summary of the average daily weather observations collected at the Patton Street, Broken Hill Weather Station. The average temperature for the month was 26 °C with a high of 41.8 °C and a low of 9.7 °C. Total rainfall for the month was 11.8 mm.

Table 1. A summary of the average temperatures, total rainfall, average wind speed and direction for the month.

Date	Temperature (C°)	Rainfall (mm)	Wind speed (km/hr)	Wind direction		
				Random	9:00 AM	3:00 PM
1/12/2013	26.33	3.80	40	SW	NNW	WNW
2/12/2013	21.10	0.60	30	SSW	SSE	SSW
3/12/2013	21.10	0.00	35	SW	S	SW
4/12/2013	19.25	0.00	38	SW	SW	SW
5/12/2013	18.93	0.00	34	S	SSW	SSW
6/12/2013	22.83	0.00	17	SSW	ESE	SSW
7/12/2013	28.40	0.00	24	ESE	NNE	NE
8/12/2013	32.53	0.00	32	S	NNE	NW
9/12/2013	20.38	0.00	44	SSE	SSE	S
10/12/2013	22.03	0.00	36	ESE	S	SE
11/12/2013	28.25	0.00	35	E	E	E
12/12/2013	29.93	0.20	35	NE	NE	NE
13/12/2013	33.10	0.00	33	NNE	N	NW
14/12/2013	32.98	0.00	37	WSW	NNW	NNW
15/12/2013	27.20	4.40	31	W	WNW	WNW
16/12/2013	25.05	1.80	34	SW	SW	SW
17/12/2013	23.50	0.00	24	SSE	SE	SSW
18/12/2013	27.68	0.00	18	WSW	E	N
19/12/2013	33.05	0.00	36	WSW	NNE	NNW
20/12/2013	23.03	1.00	35	SSW	S	SSE
21/12/2013	24.93	0.00	24	SSE	SSE	SSW
22/12/2013	30.05	0.00	22	SE	ENE	E
23/12/2013	34.80	0.00	28	NW	NNE	WNW
24/12/2013	33.85	0.00	43	S	NNW	SSW
25/12/2013	22.53	0.00	38	SSE	S	S
26/12/2013	23.63	0.00	27	S	SE	SSE
27/12/2013	28.83	0.00	25	SSW	ESE	SSW
28/12/2013	21.08	0.00	39	SW	S	S
29/12/2013	24.60	0.00	36	S	S	SSE
30/12/2013	25.55	0.00	31	S	SSE	S
31/12/2013	26.93	0.00	27	S	SSW	SE

The wind speed data for the month (Figure 1) has been graphed because this information provides some context to the trends observed in the high volume air sampler (HVAS), dust deposition gauges and blast overpressure data. Average wind speed for the month was 32 km/hr with a high of 80 km/hr observed on 1st December. The prevailing wind direction was southerly (S).

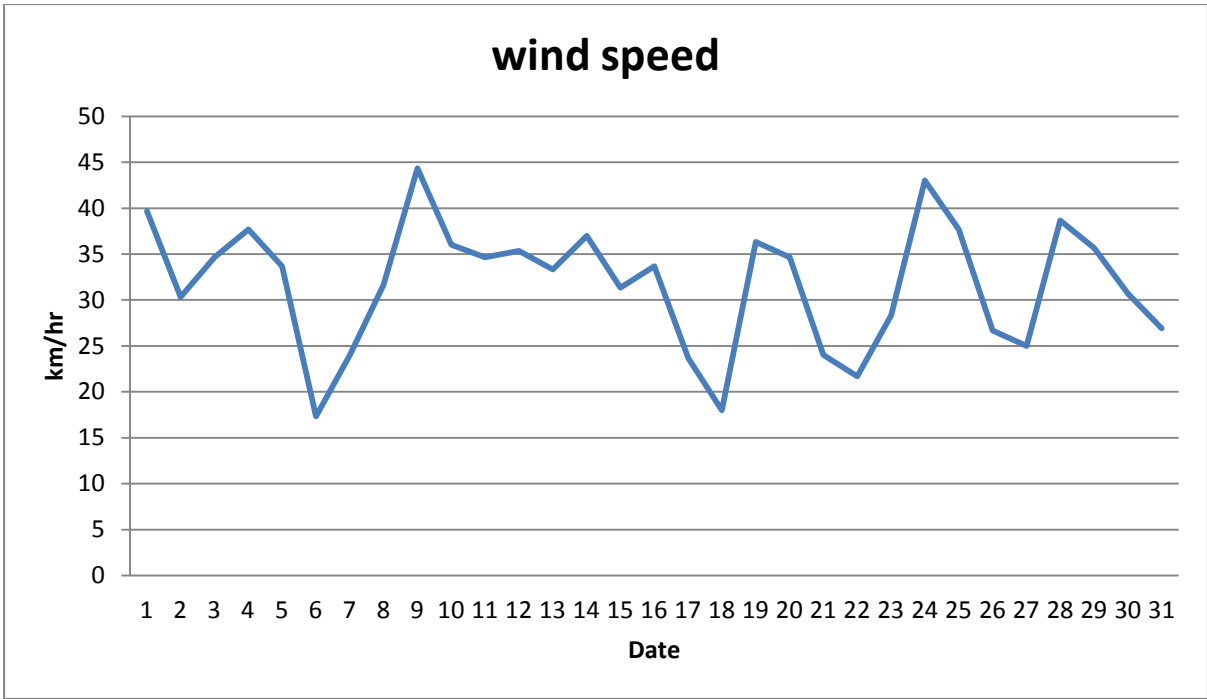


Figure 1. Average wind speed (km/hr) on a daily basis for the month.

Annual weather observations (Jan 2012-Dec 2012)

Figure 2 shows the average temperature, average wind speed, highest and lowest wind speed recorded each month and total rainfall for the previous 12 month period. The wind speeds are important when considering the HVAS, dust deposition gauges and blast overpressure data.

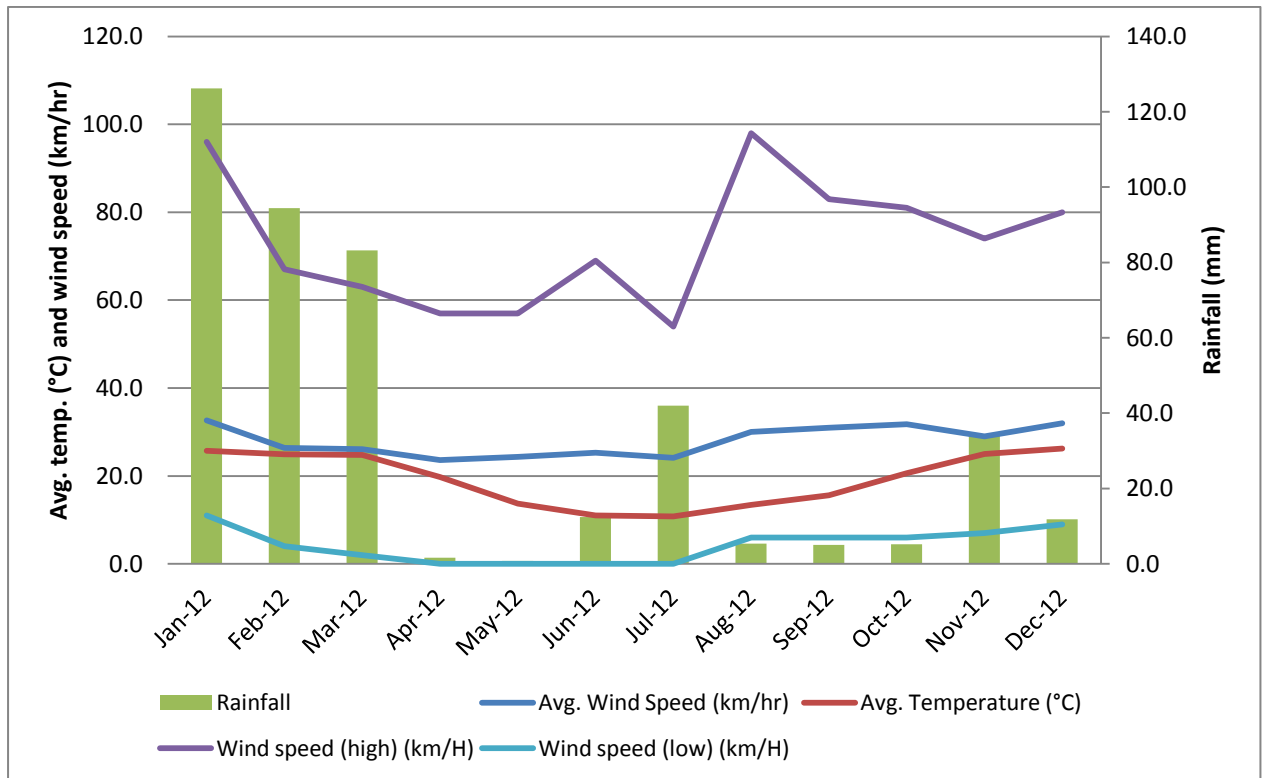


Figure 2. Average monthly temperature (°C) and wind speed (km/hr) and total rainfall (mm) for the previous 12 months.