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Locations: Southern, Northern and Potosi Operations

Meteorological Summary

October 2012

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 20.6 °C with a high of 37.3 °C and a low of 4.3 °C. Total rainfall for the month was 5.2 mm.

Table 1. Summary of the average temperatures, total rainfall, average wind speed and direction for October 2012.

Date	Temperature (°C)	Rainfall (mm)	Wind speed (km/hr)	Wind direction		
				Random	9:00 AM	3:00 PM
1/10/2012	15	0	32	SSE	SSE	SSE
2/10/2012	18	0	28	SSE	ESE	SE
3/10/2012	23.28	0	19	N	NE	NNW
4/10/2012	26.03	0	32	WNW	N	WNW
5/10/2012	25.58	0	24	WNW	S	WNW
6/10/2012	25.13	0	46	WNW	N	SSW
7/10/2012	14.53	0	30	SSE	SE	ESE
8/10/2012	19.13	0	24	NE	NE	SSW
9/10/2012	19.30	0	25	SW	SE	S
10/10/2012	15.00	0	40	WSW	S	SW
11/10/2012	8.70	1.6	53	S	WSW	SSW
12/10/2012	13.33	3.6	37	SW	S	S
13/10/2012	14.88	0	21	SSW	S	SSW
14/10/2012	21.28	0	21	NNE	NNE	N
15/10/2012	26.23	0	35	NW	N	NNW
16/10/2012	27.78	0	39	NW	NNW	W
17/10/2012	17.48	0	32	S	SSE	SE
18/10/2012	23.18	0	28	NE	NE	W
19/10/2012	29.05	0	47	WNW	NNE	WSW
20/10/2012	23.68	0	20	E	S	SE

21/10/2012	19.58	0	36	S	S	S
22/10/2012	17.33	0	32	SE	SE	SE
23/10/2012	20.93	0	43	NE	NE	NE
24/10/2012	25.50	0	35	NNE	NNE	NNE
25/10/2012	19.35	0	38	SSW	SW	SSW
26/10/2012	14.93	0	39	SSW	SSW	SSW
27/10/2012	15.38	0	31	S	SSE	S
28/10/2012	18.63	0	22	SE	ESE	SSE
29/10/2012	23.70	0	22	NNE	ESE	N
30/10/2012	26.35	0	23	WNW	N	NNW
31/10/2012	29.68	0	31	NNW	N	NW

The wind speed data for the month (Figure 1) has been graphed because this information provides some perspective to the trends observed in the high volume air sampler (HVAS), dust deposition gauge and blast overpressure data. Average wind speed for the month was 31.8 km/hr with a high of 81 km/hr observed on 11th October. The prevailing wind direction was south-easterly (SE).

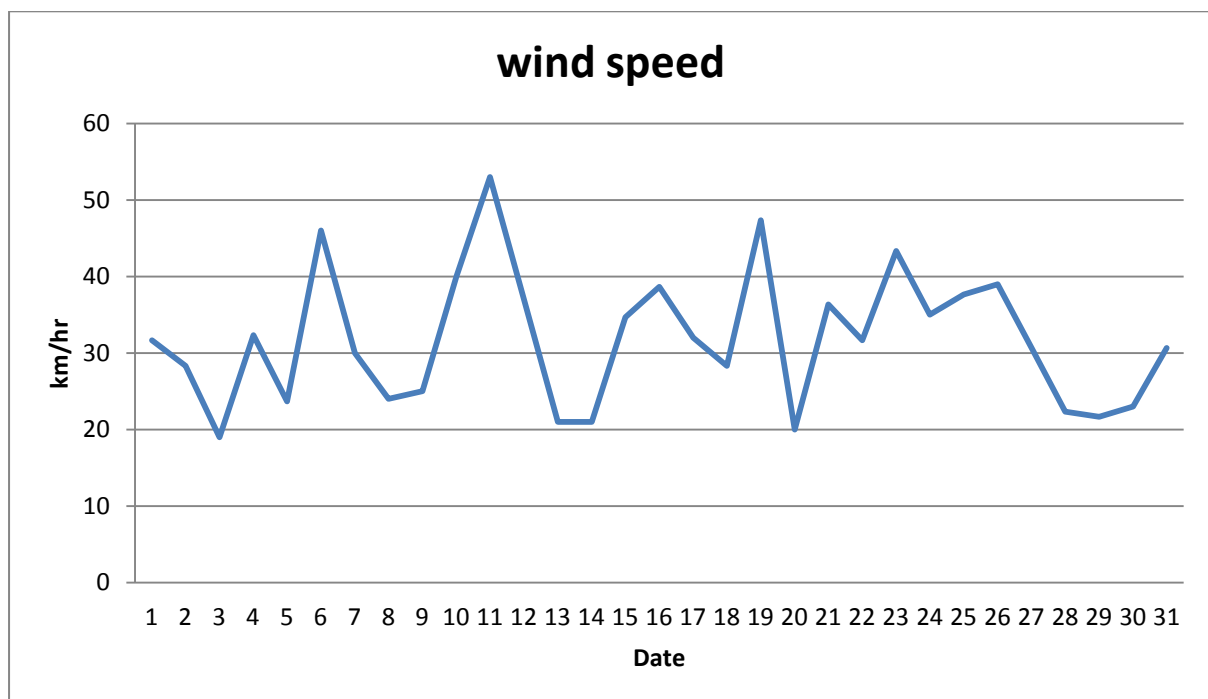


Figure 1. Average wind speed (km/hr) on a daily basis for the month of October 2012.

Annual weather observations (Nov 2011-Oct 2012)

Figure 2 and Figure 3 show the average temperature, wind speed and total rainfall patterns for the previous 12 month period. The wind speed averages are important when considering the HVAS, dust deposition gauges and blast overpressure data.

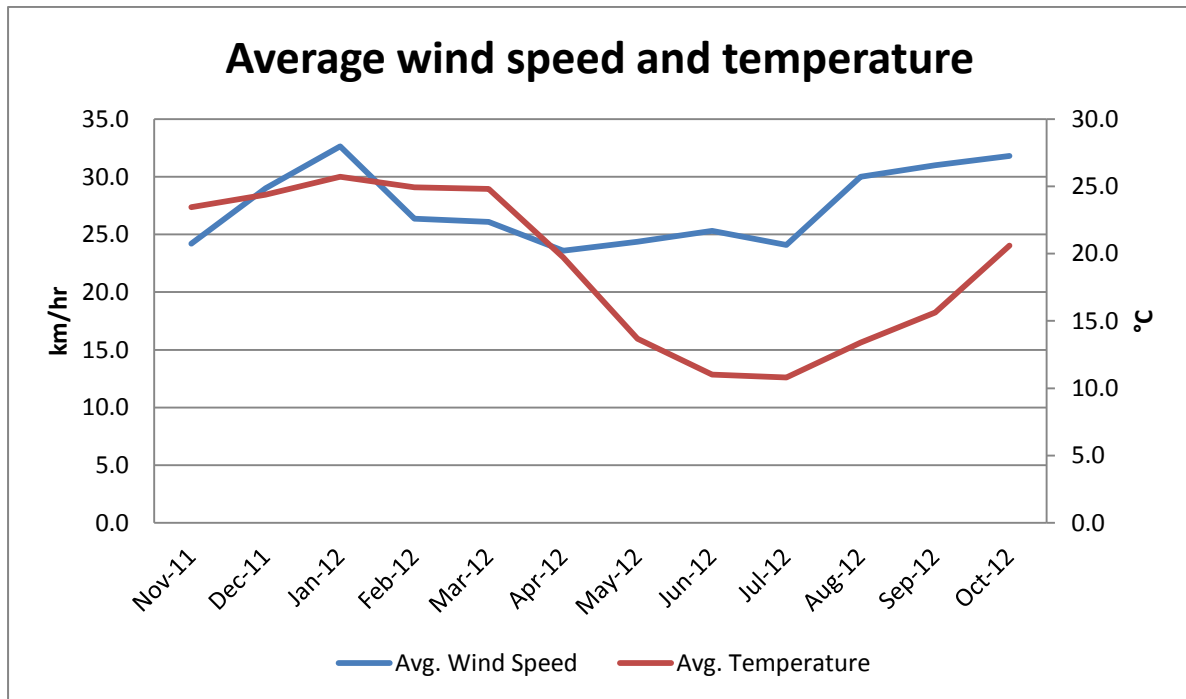


Figure 2. Average monthly temperature (°C) and wind speed (km/hr) for the previous 12 months.

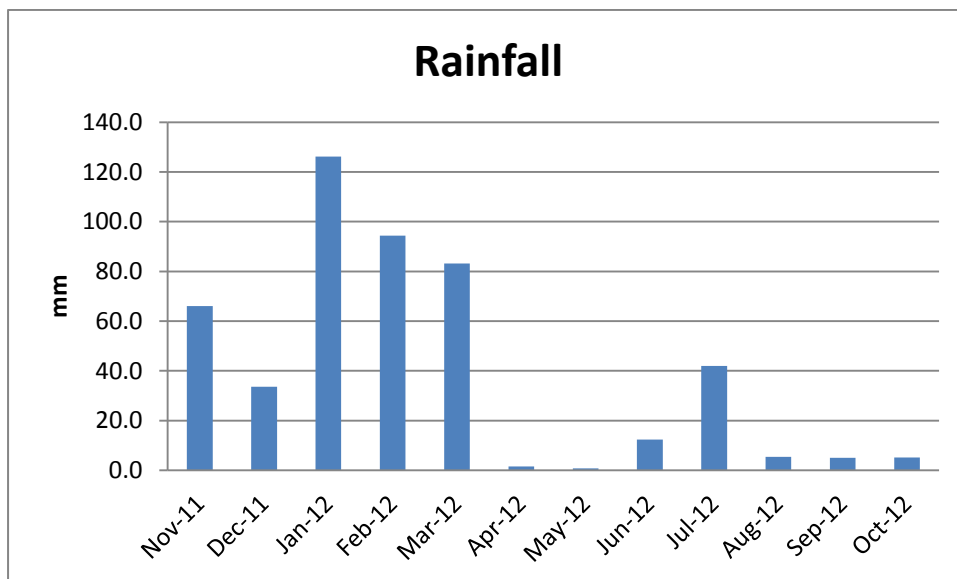


Figure 3. Total monthly rainfall (mm) for the previous 12 months.