

# Rindean Quarries Pty Ltd

## Air Quality and Meteorological Monitoring Monthly Summary

**January 2026**

SITE INFORMATION	
<b>EPL Number:</b>	20548
<b>EPA Website Link:</b>	<a href="#">ViewPOEOLicence.aspx (nsw.gov.au)</a>
<b>Licensee:</b>	Rindean Quarries Pty Ltd
<b>Premises:</b>	620 Wisemans Ferry Road, SOMERSBY NSW 2250
<b>EPL Monitoring Points:</b>	Points 8, 9 and 10
<b>Sampling Period:</b>	January 2026
<b>Obtained Date:</b>	12/02/2026
<b>Publication Date:</b>	12/02/2026

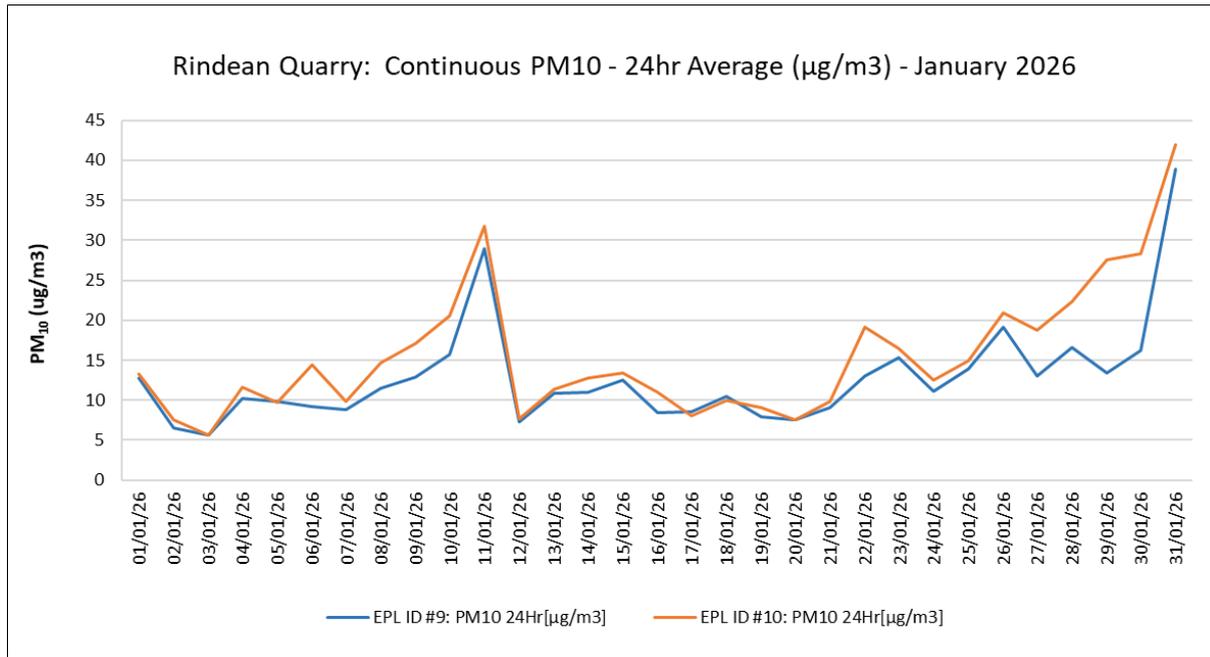
# 1. Continuous PM<sub>10</sub> (EPL ID #9 and #10)

**Table 1:** Continuous PM<sub>10</sub> Monitoring Results (24hr Averages) – January 2026

DATE	PM <sub>10</sub> 24hr Average (µg/m <sup>3</sup> )	
	EPA ID# 9 (Zone 1)	EPA ID# 10 (Zone 2)
1/01/2026	12.7	13.3
2/01/2026	6.5	7.6
3/01/2026	5.7	5.7
4/01/2026	10.2	11.7
5/01/2026	9.9	9.8
6/01/2026	9.2	14.4
7/01/2026	8.9	9.8
8/01/2026	11.5	14.7
9/01/2026	13.0	17.1
10/01/2026	15.7	20.6
11/01/2026	29.0	31.7
12/01/2026	7.2	7.7
13/01/2026	10.9	11.4
14/01/2026	11.0	12.7
15/01/2026	12.5	13.4
16/01/2026	8.4	11.0
17/01/2026	8.5	8.0
18/01/2026	10.4	10.0
19/01/2026	7.9	9.1
20/01/2026	7.6	7.5
21/01/2026	9.1	9.8
22/01/2026	13.0	19.1
23/01/2026	15.3	16.4
24/01/2026	11.1	12.5
25/01/2026	13.9	15.0
26/01/2026	19.6	20.9
27/01/2026	13.0	18.8
28/01/2026	16.6	22.4
29/01/2026	13.5	27.5
30/01/2026	16.2	28.3
31/01/2026	38.9	42.0

Note: Validated data. Blank cells in table indicate insufficient valid data to provide a 24hr average PM<sub>10</sub> result.

**Figure 1: Continuous 24hr Averages – January 2026**



**Table 2: PM<sub>10</sub> 24hr Average Monthly Summary Results – January 2026**

EPL 20548 Sampling Point	Location ID	Pollutant	Unit	Monitoring Frequency Required by Licence	No. of times measured during month	Min Value (µg/m <sup>3</sup> )	Mean Value (µg/m <sup>3</sup> )	Max Value (µg/m <sup>3</sup> )
9	Zone 1	PM <sub>10</sub>	µg/m <sup>3</sup>	Continuous	Continuous	5.7	12.8	38.9
10	Zone 2	PM <sub>10</sub>	µg/m <sup>3</sup>	Continuous	Continuous	5.7	15.5	42.0

## 2. Meteorological (EPL ID #8)

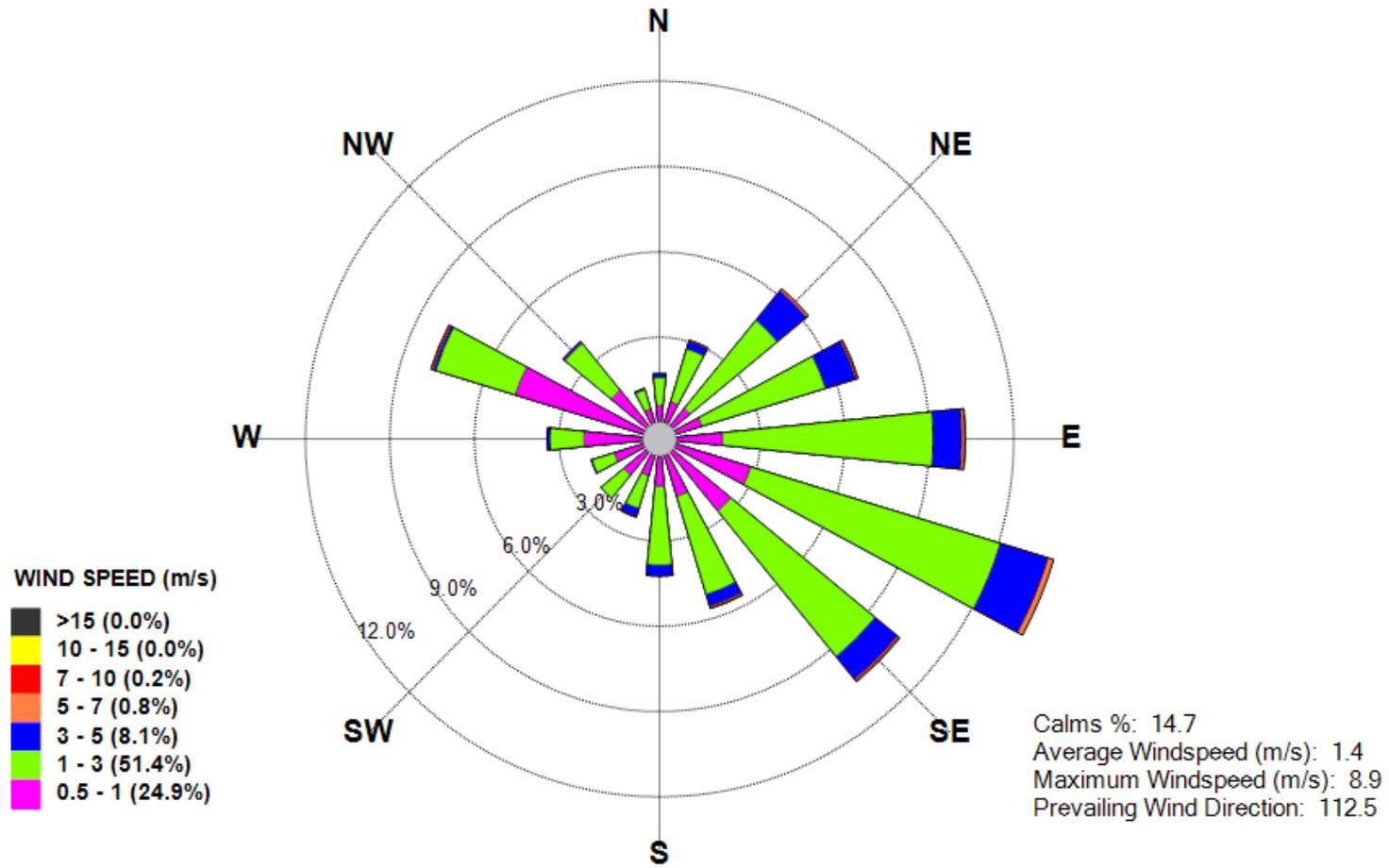
**Table 3: Monthly Meteorological Data Summary – January 2026**

Date	Temp 2m Min	Temp 2m Ave	Temp 2m Max	10m Temp Min	10m Temp Ave	10m Temp Max	Humidity Min	Humidity Ave	Humidity Max	Wind Speed Min	Wind Speed Ave	Wind Speed Max	Rain (mm)	Solar Rad Min	Solar Rad Ave	Solar Rad Max	Delta Temp Min	Delta Temp Ave	Delta Temp Max	Sigma Theta Min	Sigma Theta Ave	Sigma Theta Max
1/01/2026	15.3	16.6	18.0	15.5	16.6	17.5	65.5	92.3	99.9	0.2	1.3	3.9	9.0	0.0	50.8	212.6	-0.6	0.0	0.5	6.2	37.7	96.6
2/01/2026	14.8	17.4	20.6	14.7	17.1	19.6	70.7	92.1	100.0	0.1	1.2	3.4	3.0	0.0	114.6	651.2	-0.3	0.3	1.3	16.4	34.5	90.0
3/01/2026	15.5	19.3	23.7	15.8	19.0	22.4	68.1	92.6	100.0	0.0	1.7	6.8	0.2	0.0	140.8	1045.8	-0.7	0.3	1.6	14.6	38.4	92.9
4/01/2026	16.6	20.8	32.1	16.8	20.7	31.0	38.7	87.6	100.0	0.1	1.4	4.3	27.8	0.0	231.6	1082.7	-2.0	0.1	2.7	6.9	39.3	87.1
5/01/2026	16.2	20.4	26.1	16.5	20.2	24.9	60.9	91.2	100.0	0.0	1.1	3.7	0.0	0.0	230.7	1097.2	-1.1	0.2	1.7	9.3	39.1	100.4
6/01/2026	17.7	21.7	27.1	18.0	21.4	26.0	58.4	85.4	99.9	0.1	1.2	4.9	0.0	0.0	159.5	1162.6	-0.7	0.3	1.7	9.3	38.9	75.9
7/01/2026	18.6	23.8	30.7	19.0	23.5	29.3	48.4	82.7	100.0	0.1	1.5	5.7	0.0	0.0	250.5	1098.1	-1.1	0.3	1.9	3.1	33.5	95.1
8/01/2026	18.4	26.0	34.6	19.9	25.9	33.3	27.9	66.1	100.0	0.2	1.4	5.8	0.0	0.0	265.2	1112.8	-2.5	0.1	2.0	5.5	35.3	96.4
9/01/2026	18.6	25.6	33.2	18.9	25.3	32.0	33.9	68.5	99.9	0.2	1.8	4.9	0.0	0.0	268.6	1125.6	-2.4	0.3	2.1	9.0	37.7	94.4
10/01/2026	20.2	30.9	39.4	20.1	30.9	38.6	18.2	34.0	99.9	0.1	2.0	8.9	0.0	0.0	271.3	1126.7	-2.4	-0.1	2.5	21.7	54.1	85.7
11/01/2026	15.3	18.2	20.2	15.3	18.1	20.1	74.3	93.7	100.0	0.2	1.7	4.8	15.2	0.0	24.3	142.7	-0.1	0.1	0.7	13.5	36.9	62.3
12/01/2026	15.1	17.1	19.3	15.2	17.0	18.9	99.7	99.8	99.8	0.1	1.3	5.2	13.0	0.0	58.6	349.0	-0.2	0.1	0.7	10.8	31.4	78.8
13/01/2026	18.0	21.2	25.4	18.2	20.8	24.3	70.3	92.0	100.0	0.1	1.3	5.0	0.2	0.0	179.0	1220.6	-0.4	0.3	1.8	5.8	34.4	89.7
14/01/2026	18.9	20.5	23.8	19.0	20.4	22.5	72.3	94.0	100.0	0.1	1.7	5.1	1.0	0.0	107.9	778.6	-0.4	0.2	1.5	12.4	34.3	75.9
15/01/2026	18.9	21.7	25.6	19.0	21.5	25.0	70.7	93.0	100.0	0.1	2.2	6.1	11.4	0.0	139.9	871.1	-0.5	0.3	1.8	17.8	36.0	74.9
16/01/2026	17.9	20.7	25.1	17.8	20.3	23.8	72.7	92.5	100.0	0.1	1.4	5.2	0.2	0.0	156.8	1019.9	-0.4	0.4	1.8	18.8	47.9	81.0
17/01/2026	15.6	18.9	20.8	15.6	18.9	20.2	99.7	99.8	100.0	0.1	1.7	8.6	111.2	0.0	63.4	452.7	-1.0	0.0	0.9	10.4	35.7	95.9
18/01/2026	16.6	18.1	20.9	16.5	18.1	20.5	94.2	99.7	100.0	0.1	2.0	7.1	43.6	0.0	48.2	483.0	-0.9	0.0	1.0	10.9	27.5	66.6
19/01/2026	16.3	18.7	23.0	16.5	18.4	22.3	56.0	90.3	99.9	0.0	1.4	5.2	19.4	0.0	127.0	792.4	-0.5	0.2	1.5	7.3	29.5	76.6
20/01/2026	15.6	18.5	22.9	15.8	18.3	22.0	50.9	87.1	100.0	0.1	1.2	4.5	1.2	0.0	169.9	1064.7	-1.0	0.3	1.8	7.9	31.1	87.6
21/01/2026	14.5	19.0	24.2	14.8	18.7	22.9	51.8	78.0	99.9	0.1	1.2	3.7	1.2	0.0	209.5	1144.3	-1.0	0.3	1.8	5.4	32.2	90.2
22/01/2026	15.4	18.9	25.5	15.4	18.7	24.1	60.5	79.5	100.0	0.2	1.7	7.6	0.4	0.0	192.4	1052.8	-1.3	0.1	2.2	3.3	38.0	97.3
23/01/2026	15.5	18.5	22.4	15.5	18.3	21.4	47.2	67.2	91.8	0.0	1.3	4.5	0.2	0.0	154.8	829.0	-1.1	0.2	1.7	11.5	33.5	74.1
24/01/2026	15.9	21.2	27.1	16.7	21.0	25.9	58.3	83.7	100.0	0.1	1.5	5.8	0.0	0.0	265.2	1075.7	-1.6	0.2	1.7	5.0	32.2	64.6
25/01/2026	18.6	27.1	38.7	18.6	26.8	37.8	18.5	67.3	99.9	0.1	1.4	3.4	0.0	0.0	264.6	1063.9	-1.3	0.4	2.4	9.7	39.3	99.3
26/01/2026	19.3	21.2	24.4	19.3	20.9	23.8	65.7	80.5	100.0	0.2	1.7	5.3	0.0	0.0	120.4	717.0	-0.2	0.3	1.5	25.0	43.6	74.4
27/01/2026	17.2	20.2	24.8	17.6	19.9	23.5	56.9	71.2	88.2	0.3	1.4	4.9	0.0	0.0	193.1	1293.8	-0.7	0.3	1.9	10.8	33.3	60.5
28/01/2026	16.5	21.3	27.8	17.0	21.0	26.4	47.2	80.5	100.0	0.1	1.5	5.3	0.0	0.0	272.7	1082.3	-0.9	0.3	2.0	14.5	41.9	87.8
29/01/2026	18.8	22.2	26.9	19.2	21.9	25.9	52.1	81.7	100.0	0.1	1.4	5.2	0.0	0.0	238.3	1159.4	-0.6	0.3	2.0	11.4	31.9	84.3
30/01/2026	17.6	22.5	27.6	18.2	22.3	26.2	58.1	84.0	100.0	0.2	1.6	7.3	0.0	0.0	222.4	1052.7	-1.3	0.2	2.1	3.0	30.3	90.5
31/01/2026	18.7	24.0	31.5	19.3	23.6	30.2	51.8	87.6	99.9	0.2	1.4	5.4	0.0	0.0	244.9	985.4	-0.8	0.3	2.0	6.5	32.2	83.2
Monthly	14.5	21.0	39.4	14.7	20.8	38.6	18	83.7	100	0.0	1.5	8.9	258.2	0.0	175.4	1293.8	-2.5	0.2	2.7	3.00	36.2	100.40

Figure 2: Windrose – January 2026

# Rindean Quarry - Windrose

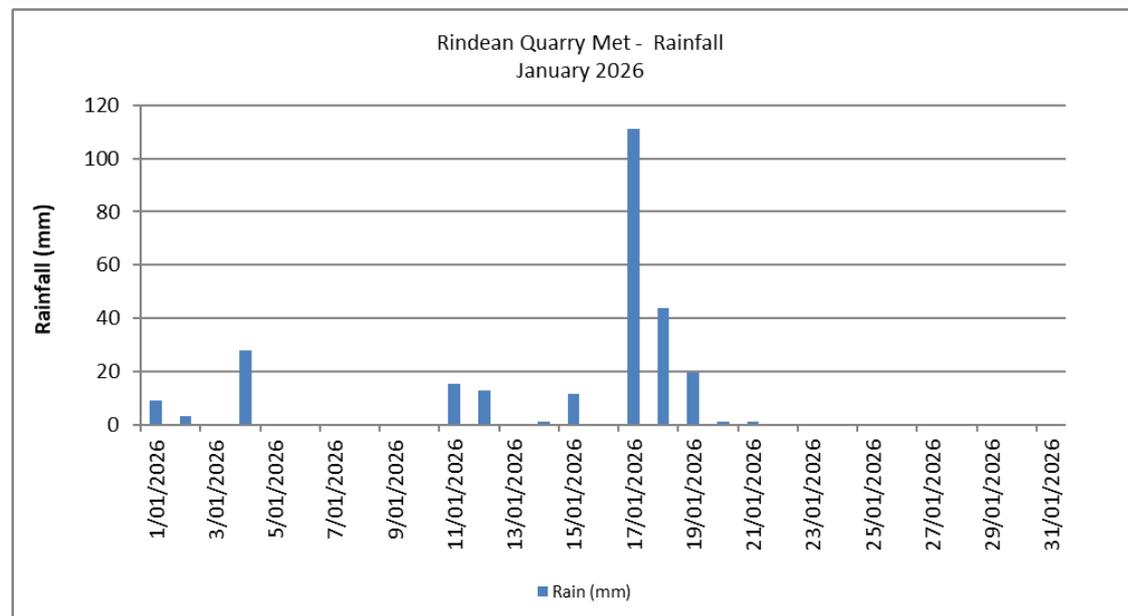
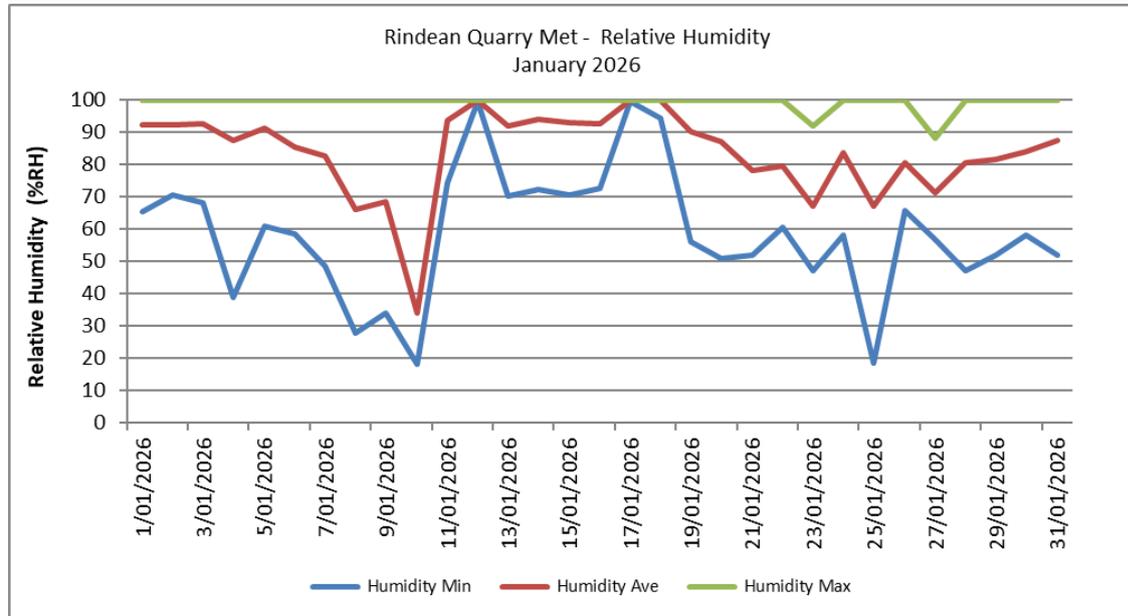
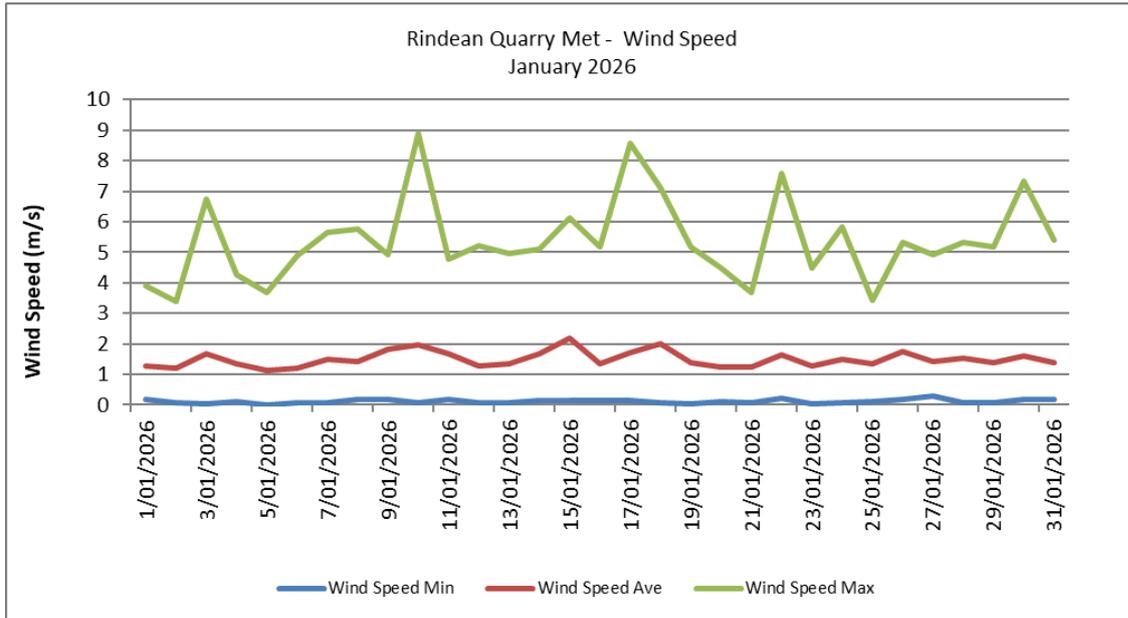
## JANUARY 2026



**Figure 3-5: Daily (minimum, average, maximum) 2m & 10m Temperature and Delta Temperature**



**Figure 6-8: Daily (minimum, average, maximum) Wind Speed & Humidity and Rainfall**



**Figure 9-10: Daily (minimum, average, maximum) Solar Radiation and Sigma Theta**

