



Allunga Exposure Laboratory

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Year Overveiw

WEATHER RECORD

2005

	Temperature (°C)		Dew Point		Relative Humidity (%)		Rain	Evap	Wet Time	Sun Shine	Global Radiation (MJ/m ²)		
	Max	Min	9am	9pm	9am	9pm	mm	mm	Hours	Hours	Horiz	19°N	Horiz
January	31.4	24.6	22.0	23.0	70	78	276.5	218.8	300.7	249.9	647.8	626.9	37.55
Febuary	34.0	25.1	20.5	22.6	58	71	74.0	262.6	240.5	295.9	755.1	747.3	44.62
March	32.3	23.7	21.4	21.7	65	75	58.8	242.8	233.0	248.6	685.7	705.2	39.49
April	31.0	20.5	17.1	19.3	56	71	10.2	238.8	197.5	277.2	658.5	704.5	37.25
May	28.5	15.6	13.7	16.2	55	72	18.0	189.4	251.2	295.0	594.1	659.0	33.84
June	26.5	18.2	15.4	17.1	66	77	16.5	147.2	225.0	189.5	424.8	475.3	19.73
July	26.0	15.4	13.0	14.6	62	75	33.0	166.0	230.7	251.0	527.0	591.8	25.54
August	24.8	15.6	13.9	15.5	66	77	41.9	177.7	249.4	238.8	469.7	509.5	25.20
September	27.7	18.3	15.6	17.3	59	75	3.6	222.8	206.7	279.5	688.3	721.7	39.01
October	30.5	22.6	20.1	20.5	63	77	48.4	251.4	243.0	303.6	725.3	725.9	42.18
November	31.5	24.5	20.3	20.7	61	71	13.4	286.4	204.4	292.3	690.3	663.9	39.48
December	33.4	25.6	21.6	22.4	61	72	44.1	304.0	208.6	316.6	801.6	756.4	47.00
Average	29.8	20.8	17.9	19.2	62	74		225.7	232.6	269.8	639.0	657.3	35.91
Total							638.4	2707.9	2790.7	3237.9	7668.2	7887.4	430.89

For Langleys divide MJ/m² by 0.0418

UV-R = UV-A + UV-B (290-385 nm)

Townsville UV data recorded by Australian Radiation Protection and Nuclear Safety Agency

Total Langleys

183423

188667

Average Langleys

15285

15722

