

Lat. 52' 59' 55' N  
 Long. 2' 16' 05' W  
 Alt. 587' O.D. (179 m)

**EARTH SCIENCES AND GEOGRAPHY  
 CLIMATOLOGICAL DATA FOR 2016**

Nat. Grid. Ref. SJ 820447

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	ANNUAL
<b>TEMPERATURE (°C)</b>													
(i) Monthly Means	4.7	4.3	5.1	7.1	12.0	14.8	15.9	16.1	15.2	10.6	5.1	5.5	9.7
(ii) Monthly Mean Maxima	7.5	7.6	8.6	11.2	16.6	18.6	19.7	19.9	18.9	13.6	8.0	8.3	13.2
(iii) Monthly Mean Minima	1.9	0.9	1.5	3.0	7.4	10.9	12.1	12.2	11.5	3.4	2.2	2.7	5.8
(iv) Mean Daily Range	5.6	6.7	7.1	8.2	9.2	7.7	7.6	7.7	7.4	10.2	5.8	5.6	7.4
(v) Monthly Absolute Maxima	13.1	13.0	13.2	15.6	23.8	23.7	29.4	25.7	25.0	17.5	13.8	13.4	29.4
(vi) Monthly Absolute Minima	-2.7	-3.6	-2.2	-1.6	1.5	5.0	7.2	8.1	7.1	3.4	-3.3	-1.5	-3.6
(vii) Air Frosts (Days Screen Min 0°C or less)	9	10	5	6	0	0	0	0	0	0	6	7	43
(viii) Ground Frost (Days Grass Min 0°C or less)	15	18	24	16	8	1	0	0	0	7	14	19	122
(ix) Lowest Grass Min	-3.5	-8.7	-7.3	-5.9	-2.6	-0.3	3.4	4.3	2.4	-1.9	-4.1	-7.0	-8.7
<b>GROUND TEMPERATURE (°C)</b>													
(i) 10cm. Soil Temperature Mean	4.5	4.1	4.7	7.7	12.2	16.0	16.6	16.5	15.0	10.2	5.5	4.8	9.8
(ii) 30cm. Soil Temperature Mean	6.1	5.6	5.9	8.8	12.4	16.3	17.1	17.3	16.5	12.2	7.9	6.2	11.0
(iii) 100cm. Soil Temperature Mean	7.9	7.0	6.6	8.2	10.5	17.9	15.1	15.9	15.9	13.4	10.3	8.2	11.4
<b>RELATIVE HUMIDITY</b>													
Mean % (Daytime Mean of 09 hours)	100	90	87	77	72	81	82	83	88	90	91	97	94.4
<b>PRECIPITATION</b>													
(i) Monthly Totals (mm)	115.6	107.6	87.4	67.8	49.4	130.2	64.2	85.0	86.0	22.4	81.4	42.8	939.8
(ii) No. of Raindays (with 0.2mm or more)	28	19	14	22	13	18	20	16	16	15	21	24	226
(iii) No. of Wetdays (with 1.0mm or more)	24	14	12	18	9	18	15	14	12	5	12	10	163
(iv) No. of days with 5.0mm or more	8	9	6	6	4	10	5	5	6	2	5	3	69
(v) Greatest Fall in One Day (mm)	14.2	22.6	26.6	9.4	13.2	23.8	11.4	20.2	31.8	7.0	18.2	8.6	31.8
<b>SUNSHINE</b>													
No. of Hours	48.6	102	109.6	168.7	222.1	146.9	153.4	170.4	126.0	99.1	76.5	58.8	1482.1
<b>WIND</b>													
(i) Highest Hourly Velocity (mph)	21	21	23	17	15	15	14	15	16	16	20	17	23.0
(ii) Highest Gust (mph)	41	45	48	37	31	44	29	31	31	30	41	36	48.0
(iii) Mean Wind Speed (mph)	7.6	8.1	6.9	7.3	9.1	5.2	6.0	6.6	5.9	6.0	6.3	8.2	6.9

