











Date	Max	Min	Rain	Grass	30cm	100cm	Sun	3cm	pp09	Af	Sf	Th	Ic	Vec mean		Max gust		High hr			Rain	Frost			
	C	C	mm	Min	C	C	hrs	C	mbar	Gf	Sl	Ha	Fg	ddd	ff	sp	ddd	gg	HHhh	ddd	ff	HH	hrs	hrs	
18-Nov	15.5	7.5	0.0	2.6	11.3	13.6	4.8		1018.4	0	0	0	0	0	168	4.5	5.1	206	17	1319	192	9	13	0.0	0.0
19-Nov	14.0	3.7	0.2	-0.3	11.1	13.5	3.3		1016.2	0	1	0	0	0	69	2.6	2.7	106	10	1003	82	5	03	0.0	0.0
20-Nov	10.4	2.8	tr	-1.0	10.6	13.3	0.7		1020.1	0	1	0	0	0	75	2.1	2.6	112	9	1452	21	4	07	0.0	0.0
21-Nov	10.9	5.6	0.9	6.0	10.8	13.2	0.7		1015.3	0	0	0	0	0	70	3.2	3.3	69	12	1708	73	5	17	0.7	0.0
22-Nov	13.3	7.5	1.4	9.2	11.1	13.1	0.1		1017.6	0	0	0	0	0	354	0.6	2.2	336	13	1505	340	5	15	0.3	0.0
23-Nov	10.8	2.0	tr	-1.5	11.0	13.0	4.2		1027.6	0	1	0	0	0	216	3.5	3.6	238	13	1212	233	6	13	0.0	0.0
24-Nov	13.5	3.4	0.7	1.4	10.5	12.9	3.1		1029.0	0	0	0	0	0	202	6.2	6.3	211	24	2346	204	10	23	0.5	0.0
25-Nov	12.4	8.8	0.0	6.3	10.5	12.8	7.0		1023.8	0	0	0	0	0	238	7.6	8.0	255	23	1148	256	11	11	0.0	0.0
26-Nov	13.2	6.0	0.1	1.5	10.2	12.7	0.6		1027.8	0	0	0	0	0	230	8.9	9.0	223	29	1139	227	12	19	0.3	0.0
27-Nov	13.7	9.7	0.0	7.9	10.3	12.6	6.9		1017.0	0	0	0	0	0	249	7.6	8.5	280	31	0826	234	13	00	0.0	0.7
28-Nov	13.0	-2.5	0.2	-7.2	9.7	12.5	0.2		1025.6	1	1	0	0	0	194	2.9	3.9	209	20	2234	214	9	22	1.0	8.5
29-Nov	13.4	0.0	0.8	3.5	9.8	12.4	0.0		1007.8	0	0	0	0	0	210	10.7	11.4	206	33	1338	207	15	15	0.6	0.0
30-Nov	12.9	5.0	2.0	0.1	10.0	12.2	5.5		1022.3	0	0	0	0	0	202	8.1	8.3	178	31	2306	182	13	23	1.6	0.0
01-Dec	10.8	7.6	4.4	7.8	9.7	12.2	0.9		1008.2	0	0	0	0	0	224	4.2	5.1	217	29	0210	186	13	00	5.4	0.0
02-Dec	11.1	-0.5	1.3	-5.7	9.7	12.1	4.1		1015.0	1	1	0	0	0	213	5.2	5.3	205	25	2144	213	12	23	1.9	0.8
03-Dec	12.2	1.1	tr	3.0	9.1	12.0	4.0		1002.7	0	0	0	0	0	241	8.4	8.8	230	30	0204	218	13	01	0.0	0.0
04-Dec	8.8	6.6	1.0	-0.7	9.2	11.9	0.1		1003.0	0	1	0	0	0	243	6.9	7.1	238	20	1135	231	9	08	1.2	0.0
05-Dec	7.8	2.4	0.0	-1.9	8.8	11.8	4.3		1006.9	0	1	0	0	0	241	7.9	8.0	242	24	1000	238	12	10	0.0	0.0
06-Dec	8.8	1.7	0.5	-3.3	8.0	11.7	0.9		1008.1	0	1	0	0	0	228	7.2	7.2	218	19	2352	228	9	23	0.6	0.0
07-Dec	10.3	3.7	0.0	1.3	7.8	11.4	6.4		1006.3	0	0	0	0	0	253	10.2	10.5	268	32	1319	267	15	13	0.0	0.0
08-Dec	12.9	3.4	2.9	-1.9	7.5	11.2	0.0		1013.4	0	1	0	0	0	230	11.0	11.5	214	40	1625	229	18	17	1.5	0.0
09-Dec	8.2	2.7	0.0	-2.5	7.9	11.0	5.8		1011.4	0	1	0	0	0	241	7.5	7.6	251	22	0145	256	11	00	0.0	0.8
10-Dec	6.4	-3.8	tr	-9.5	7.1	10.9	6.5		1016.3	1	1	0	0	0	221	4.4	4.5	219	13	1326	235	7	13	0.0	9.0
11-Dec	9.2	-0.4	7.0	-3.2	6.5	10.7	0.0		1009.9	1	1	0	0	0	202	6.2	6.4	189	23	1433	196	11	14	2.0	0.0
12-Dec	12.2	2.0	27.2	-3.8	6.9	10.5	5.8		1006.1	0	1	0	0	0	211	8.5	8.9	197	40	2324	195	17	22	8.3	0.0
13-Dec	8.1	3.3	tr	2.1	7.2	10.3	4.9		989.8	0	0	0	0	0	232	12.0	12.1	257	37	0704	232	15	15	0.0	0.0
14-Dec	6.8	2.4	1.0	-3.0	7.1	10.1	2.7		992.9	0	1	0	0	0	224	6.7	7.1	262	23	1115	251	10	11	1.4	0.0
15-Dec	8.2	2.5	8.1	-1.9	6.6	10.0	4.8		997.9	0	1	0	0	0	228	7.1	9.1	206	31	0403	246	15	06	9.7	0.0
16-Dec	4.6	1.1	0.8	0.4	6.5	9.8	2.6		985.3	0	0	1	0	0	309	6.4	8.8	275	23	1251	289	11	10	1.7	0.0
17-Dec	6.1	-0.9	0.3	-6.8	6.3	9.7	4.9		1009.6	1	1	0	0	0	274	5.4	6.1	282	21	1421	276	9	14	0.7	1.7
18-Dec	6.0	-1.2	0.8	-7.6	5.8	9.5	5.7		1017.4	1	1	0	0	1	271	4.2	4.7	9	19	1547	256	9	11	0.4	6.5
19-Dec	7.5	-2.8	4.6	-9.3	5.2	9.3	0.0		1017.3	1	1	0	0	0	222	4.6	5.1	266	16	2329	260	8	22	6.4	4.0
20-Dec	10.0	2.0	3.3	-0.8	5.4	9.1	3.3		1015.5	0	1	0	0	0	265	4.9	5.6	300	19	1338	295	8	09	7.2	0.0
21-Dec	13.1	5.7	tr	2.8	5.7	9.0	0.1		1016.4	0	0	0	0	0	248	4.8	5.2	270	18	1650	264	8	16	0.0	0.0
22-Dec	12.8	7.3	0.0	1.5	6.6	8.9	6.5		1025.2	0	0	0	0	0	243	6.6	6.7	220	18	2009	231	9	20	0.0	0.0
23-Dec	11.2	9.7	4.8	5.4	7.0	8.9	0.0		1017.5	0	0	0	0	0	244	8.2	9.9	319	34	1605	251	13	15	3.9	0.0
24-Dec	10.0	2.3	tr	-2.5	7.1	9.0	0.3		1031.4	0	1	0	0	0	236	7.0	7.4	217	20	2012	232	10	22	0.0	0.0
25-Dec	11.8	4.0	0.0	3.2	6.9	9.1	0.1		1028.1	0	0	0	0	0	234	9.3	9.4	239	27	1510	231	13	17	0.0	0.0
26-Dec	12.2	9.9	tr	8.9	7.6	9.1	0.0		1033.5	0	0	0	0	0	230	8.6	8.6	204	26	1730	231	11	13	0.0	0.0
27-Dec	10.8	9.5	tr	8.5	8.1	9.2	0.0		1034.9	0	0	0	0	0	219	5.5	5.8	244	21	0338	238	8	00	0.0	0.0
28-Dec	10.5	6.8	tr	3.0	8.1	9.3	2.5		1019.7	0	0	0	0	0	235	9.0	9.4	219	27	0436	223	12	05	0.0	0.0
29-Dec	10.0	4.7	1.0	1.0	7.7	9.4	0.1		1023.3	0	0	0	0	0	252	10.1	10.5	287	34	2002	259	15	17	0.3	0.0
30-Dec	11.5	4.6	5.3	-0.5	7.5	9.5	0.1		1020.6	0	1	0	0	0	238	5.7	6.3	252	21	2318	256	10	23	5.2	0.0
31-Dec	12.5	5.3	0.5	6.4	7.6	9.5	0.0		1011.6	0	0	0	0	0	243	9.6	9.8	244	25	1039	256	13	10	0.9	0.0

Total	589.4		1638.7					36 96 5 0 10 0 3 8										417.8				193.8											
Mean	15.9	7.0	1.6	3.9	12.3	12.6	4.5		1016.6																5.4	5.8	20.0				9.0	1.1	0.5
Hi	28.6	16.2	61.6	15.0	19.7	17.6	15.1		1042.0																14.4	14.5	40.2				17.7	15.6	16.9
Lo	1.3	-5.6	0.0	-10.4	3.3	6.4	0.0		985.3																0.3	1.8	5.7				2.7	0.0	0.0

Abbreviations.

Max/min = highest and lowest air temperature at 1.2m in 24 hour period ending at 09 GMT

Rain = total rainfall and melted snowfall in 24 hour period ending at 09 GMT, millimetres. (Tr = trace, <.05mm).

Grass min = Lowest overnight temperature at grass tip level.

Sun = hours of bright sunshine, measured electronically. Frost = Number of hours with air temp below 0 deg C.

pp09 = Air pressure corrected to mean sea level at 0900 GMT, millibars.

Af = Air frost. Gf = Ground frost. Sf = Snow falling. Sl = Snow lying at 09 GMT.

Th = Thunder. Ha = Hail =>5mm. Ic = Hail <5mm or ice. Fg = Fog at 09 GMT.

Vec mean = 24 hour mean wind vector, ddd = direction in degrees from true north, ff = speed in knots.

Sp = 24 hour mean wind speed in knots.

Max gust = Highest gust in 24 hours, gg = speed in knots, HHhh = Time, hours and minutes, GMT.

High hr = Highest hourly mean wind, HH = hour commencing. Rain Hrs = Duration of rain, 24 hours to 09 GMT. Excludes snow/hail.

30cm and 100 cm are earth temperatures at those depths, read at 09 GMT.

All temperatures in degrees Celsius.