

**St John's Vicarage,
Spittal, Berwick-upon-Tweed**
**Monthly Return of Weather Observations
for Spittal Weather Station**

Month: OCTOBER

Year: 2009

MEAN MAXIMUM TEMPERATURE 13.8°C

This is **0.7°C higher** than the long-term average

Highest Maximum 17.2 on 31st

Lowest Maximum 11.8 on 17th

MEAN MINIMUM TEMPERATURE 8.3°C

This is **1.1°C higher** than the long-term average

Highest Minimum 13.1 on 15th

Lowest Minimum 3.1 on 18th

Number of days with airfrost : 0

TOTAL RAINFALL 52.0 mm (2.05")

This is approximately **95%** of the long-term average for this month

Wettest day 19.7 mm on 21st

Number of days rainfall 0.2mm or greater 16

Number of days rainfall 1.0mm or greater 9

Number of days rainfall 5.0mm or greater 3

Number of days snow or sleet falling 0

Number of days snow lying at 0900 0

Number of days hail falling 0

Number of days fog at 0900 0

Number of days thunder heard 0

Average Atmospheric Pressure at 09.00 1013.0mb

Average Cloud Cover (%) at 09.00 65.7%

Average wind speed (based on Beaufort estimates) 6.1 mph

(Long-term averages derived using records for the former Berwick weather station with cross-reference to Dunbar weather station)

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NOTES

- Generally a mild month with no air frosts. The most remarkable feature of the daytime temperature was a lack of variation with the maximum temperature lying between 12 and 16 deg C on 29 days. There were no particularly cold spells, but there were some very warm days. On the last day of the month the maximum temperature reached 17.2 degC, which is 4.1 degC above the long-term average. Nocturnal cloud helped to keep minimum temperatures well above freezing and there were some exceptionally warm nights, the minimum not falling below 10 degC on eight occasions. This year, October ended warmer than it started.
- The total rainfall for the month (52.0mm) represented 95% of the long-term average but 19.7 mm (38% of the month's total) fell on one day, on the 21st. However, rain was registered on 15 other days, much of it falling as intermittent drizzle. There were a number of exceptionally murky days.
- Winds tended to be quite light for much of the month but as expected in autumn there were also periods of stronger winds, notably between the 21st and 24th (SE)

SPITTAL WEATHER STATION

Summary of Daily Observations

Rev Dr S J Harrison

MONTH OCTOBER

YEAR 2009

Day	Maximum °C	Minimum °C	Rainfall 24hr mm	Cloud <i>Oktas</i>	Pressure mb 0900	Wind Direction 0900	Wind Force 0900 (Beaufort)
01	13.1	8.8	0	4	1019	NW	2
02	12.5	7.2	4.0	6	1019	SE	2
03	12.5	8.0	0	5	994	NW	4
04	14.6	5.0	0	2	1005	NW	2
05	14.3	4.7	0	4	1009	SE	1
06	13.5	6.5	0.2	8	1000	S	1
07	13.9	3.8	0	0	1006	W	1
08	12.4	4.1	0	0	1014	W	2
09	12.5	6.9	2.1	7	1012	SE	2
10	13.9	9.1	0	8	1014	S	1
11	14.6	8.5	0.2	1	1010	NW	2
12	12.6	8.8	0.8	7	1028	W	2
13	14.3	9.2	0.8	8	1031	W	1
14	16.7	10.0	0.9	8	1031	SW	2
15	15.6	13.1	0.2	8	1034	SW	1
16	12.4	9.8	0	3	1035	NE	3
17	11.8	7.1	0	3	1035	NW	2
18	14.4	3.1	4.2	1	1023	W	1
19	14.6	3.5	Trace	8	1010	SE	1
20	12.0	7.5	1.5	8	1000	SE	4
21	12.1	9.7	19.7	8	997	S	4
22	12.8	9.2	0	8	998	SE	1
23	14.1	10.5	0.2	8	1002	SE	2
24	14.0	8.9	2.1	8	1000	SE	4
25	14.4	11.6	0.1	7	995	W	3
26	12.2	10.6	0	6	1014	N	3
27	15.3	9.4	3.9	8	1016	S	3
28	15.8	10.6	0	2	1014	N	1
29	14.0	8.9	0	1	1021	W	1
30	14.4	11.0	7.0	7	1020	SE	2
31	17.2	10.7	2.7	1	1017	SW	2
Total	428.5	255.8	52.0	65.7%	====	==	mph
Mean	13.8	8.3	==	5.26	1013.0	==	6.1

Barometric pressure is from an aneroid barometer. [The assistance of Alan Johnston \(Spittal\) is acknowledged.](#)