

St John's Vicarage, Spittal, Berwick-upon-Tweed

Monthly Return of Weather Observations for Spittal Weather Station

Month: SEPTEMBER

Year: 2008

MEAN MAXIMUM TEMPERATURE 15.9°C

This is 0.1°C lower than the long-term average

Highest Maximum 21.2 on 21st

Lowest Maximum 12.1 on 30th

MEAN MINIMUM TEMPERATURE 10.6°C

This is 1.2°C higher than the long-term average

Highest Minimum 14.0 on 11th

Lowest Minimum 6.7 on 28th

Number of days with airfrost : 0

TOTAL RAINFALL 73.7 mm (2.90")

This is approximately 134% of the average for this month

Wettest day 29.1mm on 6th

Number of days rainfall 0.2mm or greater 15

Number of days rainfall 1.0mm or greater 10

Number of days rainfall 5.0mm or greater 4

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 1016.0 mb

Average Cloud Cover (%) at 09.00 72.1%

Average wind speed (based on Beaufort estimates) 5.8 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

- Another rather cloudy and dull month with rain registered on 19 days. The cloudy and dull conditions kept daytime temperatures down and the thermometer managed to creep over the 20 degC mark on only two days. However cloudy night skies meant that there were no early autumn frosts and the month's average minimum temperature was 1.2 degC above the long-term average.
- The month will be best remembered for the spectacularly wet 48 hr spell of rain on the 5th/6th. While in parts of Northumberland the total fall exceeded 60 mm, 43.9 mm was registered here in Spittal. The 24hr fall on the 6th was the 7th wettest on record at Spittal.
- By the end of the month the total rainfall was 134 % of the long term average.
- One of the worst four summer months (June- September) in living memory accumulated a total of 397.2 mm of rain (15.6 inches) which represents 186% of the long-term average fall. It also means that 70% of our 'normal' annual rainfall fell in just the four months.
- Fortunately a spell of anticyclonic weather brought relatively dry conditions towards the end of the month which dried out the land and allowed access for harvesting.

SPITTAL WEATHER STATION

Summary of Daily Observations

Rev Dr S J Harrison

MONTH SEPTEMBER

YEAR 2008

Day	Maximum °C	Minimum °C	Rainfall 24hr mm	Cloud <i>Oktas</i>	Pressure mb 0900	Wind Direction 0900	Wind Force 0900 (Beaufort)
01	18.8	12.7	0.2	1	1006	W	2
02	18.1	9.4	0.9	5	998	W	2
03	16.0	10.0	4.3	3	993	SW	3
04	16.6	7.8	0	4	992	NW	2
05	14.6	7.2	14.8	6	998	E	1
06	13.1	12.7	29.1	8	997	NE	6
07	13.3	12.1	2.4	8	1004	E	3
08	14.7	11.7	0.1	8	1010	NW	2
09	14.1	11.6	0.3	8	1009	W	1
10	15.9	11.2	0.1	6	1004	NW	2
11	19.1	14.0	0	6	1006	W	1
12	15.6	12.1	5.1	6	1010	N	1
13	15.1	13.8	0.1	7	1015	SE	1
14	15.9	10.8	0	8	1026	SE	1
15	14.1	11.2	2.0	8	1024	SE	1
16	13.0	10.9	1.9	8	1022	SE	2
17	14.8	10.4	0.1	7	1022	SE	2
18	17.0	10.4	3.2	6	1022	W	1
19	17.1	11.3	0	4	1022	SW	2
20	20.8	13.1	0	5	1026	W	1
21	21.2	10.1	1.5	1	1028	W	1
22	14.0	11.5	0	7	1032	NE	4
23	14.1	8.1	0.4	6	1033	W	2
24	15.1	10.0	0	7	1033	NE	2
25	16.0	10.7	0	8	1038	SW	1
26	18.8	10.2	0	2	1038	W	2
27	17.6	9.6	0	1	1030	SW	2
28	15.0	6.7	0	7	1028	W	2
29	16.0	6.9	0.2	5	1014	W	2
30	12.1	9.0	9.0	7	999	W	3
31							
Total	477.6	317.2	73.7	===	===	==	mph
Mean	10.9	10.6	===	5.77	1016.0	==	5.8

Barometric pressure is from an aneroid barometer. The assistance of Alan Johnston and Bill Reavley is acknowledged in maintaining observations during September.