

# STITHIANS WEATHER SUMMARY

## SEPTEMBER 2025

HIGHEST MAXIMUM TEMPERATURE	20.0C (05TH)
HIGHEST MINIMUM TEMPERATURE	17.0C (07TH)
LOWEST MAXIMUM TEMPERATURE	15.0C (22ND)
LOWEST MINIMUM TEMPERATURE	00.6C (26TH)
MEAN MAXIMUM TEMPERATURE	17.3C (10YR) 17.6C (37YR) 17.1C
MEAN MINIMUM TEMPERATURE	09.2C (10YR) 10.5C (37YR) 10.0C
MEAN TEMPERATURE FOR MONTH	13.2C (10YR) 14.0C (37YR) 13.5C
MAX DAILY TEMPERATURE RANGE	15.8C (26TH)
MEAN DAILY TEMPERATURE RANGE	08.1C
TOTAL RAINFALL FOR THE MONTH	161.3 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	123.6 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	96.0 MM
MAXIMUM RAINFALL IN 24 HOURS	16.8 MM (12TH)
RAIN DAYS (0.2MM OR MORE)	21
WET DAYS (1.0MM OR MORE)	20
DAYS WITH RAIN INCLUDED	21
DAYS WITH HAIL	00
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00

MAXIMUM ATMOSPHERIC PRESSURE	1029.0 MB (22ND & 23RD)
MINIMUM ATMOSPHERIC PRESSURE	992.0 MB (03RD)
MEAN ATMOSPHERIC PRESSURE	1013.6 MB (37YR MEAN) 1016.8 MB
MEAN SW SEA TEMP	
SEPTEMBER 1986-2024 AV)	16.2C
10YR RUNNING MEAN SW SEA TEMP	16.3C
MEAN SW SEA TEMP SEPTEMBER 2025:	15.7C

### NOTES

SYNOPTIC SITUATION: ON 1ST A LOW (982MB) STORNOWAY PRODUCED A SHOWERY WESTERLY AIRSTREAM. ON 2ND A SMALL LOW (998MB) MOVED EASTWARDS ACROSS CORNWALL & PLYMOUTH. THE 3RD SAW ANOTHER SMALL LOW MOVE UP ACROSS CORNWALL & DEVON AS A SHOWERY WESTERLY AIRSTREAM ARRIVED AND A LOW (988MB) PERSISTED OVER CUMBRIA. ON 4TH A SHOWERY WESTERLY AIRSTREAM CONTINUED. ON 5TH THERE WAS A RIDGE OF HIGH PRESSURE. THE 6TH SAW PRESSURE FALL QUICKLY AS A BRISK S.E. AIRSTREAM ARRIVED. ON 7TH A LOW (982MB) AT 58N/16W PUSHED AN ACTIVE COLD FRONT THROUGH DURING THE MORNING, BEING FOLLOWED BY A SHOWERY WESTERLY AIRSTREAM. THERE WAS LITTLE CHANGE ON THE 8TH. THE 9TH SAW A LOW (1002MB) WEST OF GALWAY PUSH AN OCCLUSION THROUGH FROM THE WEST DURING THE AFTERNOON. ON 10TH A NEW LOW (987MB) PUSHED ANOTHER OCCLUSION THROUGH FROM THE WEST DURING THE AFTERNOON. ON 11TH A LOW (974MB) N.W. OF STORNOWAY BROUGHT IN A SHOWERY WESTERLY AIRSTREAM. THERE WAS LITTLE CHANGE ON THE 12TH & 13TH. ON 14TH A LOW (981MB) AT 55N/18W PUSHED A FRONTAL SYSTEM EASTWARDS WITH THE COLD FRONT CLEARING MID-AFTERNOON. THE 15TH SAW A LOW (983MB) (STORM 'AMY' (NOT OFFICIAL NAME!)) MOVE ACROSS SCOTLAND INTO THE NORTHERN NORTH SEA AS A SHOWERY WESTERLY AIRSTREAM ARRIVED. ON 16TH A RIDGE OF HIGH PRESSURE PREVAILED. THE RIDGE MOVED AWAY OVERNIGHT AS A WARM FRONT, THEN A WARM SECTOR ARRIVED ON 17TH. THERE WAS LITTLE CHANGE ON 18TH & 19TH. THE 20TH SAW AN

ACTIVE LOW (1004MB) MOVE UP FROM THE SOUTHWEST TO BE OVER LUNDY ISLAND AT 1200 G.M.T. , WITH THE COLD FRONT CLEARING BY MID-AFTERNOON. THE 21ST SAW A SMALL LOW (1014MB) S.W. OF KERRY MOVE S.E. INTO BRITTANY & A SHOWERY OCCLUSION MOVED S.W. DOWN OVER CORNWALL AS PRESSURE STEADILY INCREASED. ON 22ND A HIGH (1033MB) MOVED FROM THE MID-ATLANTIC INTO S.W. IRELAND & THIS BECAME THE DOMINANT FEATURE ACROSS THE U.K. & IRELAND. BY 23RD THE HIGH (1031MB) HAD DRIFTED TO SOUTHEAST IRELAND & ON 24TH, THE HIGH (1034MB) MOVED TO S.W. NORWAY WHILST MAINTAINING A RIDGE TO & OVER THE U.K., IRELAND, BISCAY, SWAPPS & GERMANY. THERE WAS LITTLE CHANGE ON THE 25TH & 26TH. ON 27TH PRESSURE DECLINED AS A COLD FRONT EDGED IN FROM THE WEST, BEFORE CLEARING IN THE AFTERNOON. ON 28TH THERE WAS A RIDGE (FROM A HIGH 1029MB N.E. OF THE AZORES). THE 29TH SAW A HIGH (1027MB) FORM TO THE SOUTH OF FALMOUTH. BY 30TH THE HIGH (1027MB) HAD MOVED TO LONDON AS A RIDGE WAS MAINTAINED TO THE AZORES. THE MAIN ATLANTIC JET STREAM GRADUALLY STRENGTHENED & MOVED FROM THE S.W. & W. OF THE UNITED KINGDOM TO BE OVER IT FROM 16TH-22ND & TO BE TO THE WEST, THEN NORTHWEST BY THE CLOSE OF THE MONTH.

SEPTEMBER SAW A SHARP DECREASE IN TEMPERATURES COMPARED TO AUGUST AND IT ALSO TURNED OUT TO BE MUCH WETTER THAN AVERAGE. RAINFALL WAS THE WETTEST IN SEPTEMBER SINCE 2022. THE HEAVIEST 24HR TOTALS INCLUDED 10.5MM ON 1ST, 16.3MM ON 2ND, 11.2MM ON 6TH, 14.0MM ON 9TH, 16.8MM ON 12TH, 11.2MM ON 14TH, & 14.2MM ON 20TH. THE MEAN TEMPERATURE WAS THE LOWEST FOR ANY SEPTEMBER SINCE 2017. THE MEAN S.W. SEA TEMPERATURE IS ALSO THE LOWEST IN ANY SEPTEMBER SINCE 2017. THE PREDOMINANT WIND DIRECTION AT THE 0900 G.M.T. OBSERVATION WAS (EQUALLY) SOUTHWESTERLY & CALM & THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 17KT (19 M.P.H.) ON THE 6TH, 14TH & 15TH.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: [stithiansweather.co.uk](http://stithiansweather.co.uk) THIS NOW INCLUDES A DIRECT LINK FOR OUR STITHIANS WEATHER STATION LIVE WEATHER DATA FEED (VIA WUNDERGROUND).

ALL READINGS TAKEN BY PAUL RICHARDS AT 40 CRELOW FIELDS, STITHIANS. MAIN OBSERVATIONS ARE CARRIED OUT AT 0900 GMT AND 2100 GMT DAILY THROUGHOUT THE YEAR. WE ARE A METEOROLOGICAL OFFICE REGISTERED RAINFALL STATION (379547) THROUGH THE ENVIRONMENT AGENCY IN BODMIN. (DAILY RAINFALL DATA IS RETURNED ON A MONTHLY BASIS). THE STATION HEIGHT IS 120M (396FT) ABOVE MSL. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVERS NETWORK IN COLCHESTER, ESSEX AND WEEKLY DATA IS PASSED TO THE WEATHERNET ORGANISATION IN BOURNEMOUTH. A LIVE WEATHER DATA FEED FROM OUR STITHIANS WEATHER STATION IS NOW ALSO SENT TO: [www.wunderground.com](http://www.wunderground.com)