

STITHIANS WEATHER SUMMARY

AUGUST 2025

HIGHEST MAXIMUM TEMPERATURE	26.2C (25TH)
HIGHEST MINIMUM TEMPERATURE	17.6C (04TH)
LOWEST MAXIMUM TEMPERATURE	18.0C (01ST)
LOWEST MINIMUM TEMPERATURE	04.8C (22ND)
MEAN MAXIMUM TEMPERATURE	20.8C (10YR) 19.6C (37YR) 19.1C
MEAN MINIMUM TEMPERATURE	12.6C (10YR) 12.3C (37YR) 11.9C
MEAN TEMPERATURE FOR MONTH	16.7C (10YR) 15.9C (37YR) 15.5C
MAX DAILY TEMPERATURE RANGE	18.2C (22ND)
MEAN DAILY TEMPERATURE RANGE	08.2C
TOTAL RAINFALL FOR THE MONTH	89.7 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	105.4 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	96.8 MM
MAXIMUM RAINFALL IN 24 HOURS	51.3 MM (28TH)
RAIN DAYS (0.2MM OR MORE)	13
WET DAYS (1.0MM OR MORE)	10
DAYS WITH RAIN INCLUDED	13
DAYS WITH HAIL	00
DAYS WITH THUNDER	02
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00

MAXIMUM ATMOSPHERIC PRESSURE	1028.0 MB (05TH)
MINIMUM ATMOSPHERIC PRESSURE	994.0 MB (28TH)
MEAN ATMOSPHERIC PRESSURE	1015.6 MB (37YR MEAN) 1016.4 MB
MEAN SW SEA TEMP	
AUGUST 1986-2024 AV)	17.1C
10YR RUNNING MEAN SW SEA TEMP	17.2C
MEAN SW SEA TEMP AUGUST 2025:	18.1C

NOTES

SYNOPTIC SITUATION: ON 1ST THERE WAS A NORTHERLY AIRSTREAM WITH A RIDGE TO THE WEST. THE 2ND SAW THE RIDGE MOVING IN TO DOMINATE THE WEATHER OVER THE U.K. ON 3RD A WARM FRONT WAS FOLLOWED BY A WARM SECTOR, WHILST A LOW (1005MB) AT 50N/29W WAS MOVING QUICKLY N.E. (STORM 'FLORIS'). THE 4TH SAW A LOW (977MB) (STORM 'FLORIS') OVER NORTHERN SCOTLAND WITH THE COLD FRONT CLEARING MID-AFTERNOON. ON 5TH THERE WAS A RIDGE OF HIGH PRESSURE & THERE WAS LITTLE CHANGE ON 6TH. ON 7TH A FRONTAL SYSTEM MOVED S.E. & CLEARED LATE AFTERNOON. THE 8TH SAW A WEAK RIDGE & THERE WAS LITTLE CHANGE ON 9TH. BY 10TH A HIGH (1029MB) HAD FORMED N.E. OF NORFOLK WHILST EXTENDING A RIDGE TO S.W. ENGLAND & SWAPPS. ON 11TH A SHOWER TROUGH MOVED UP FROM THE S.W. & ON 12TH A SLACK AREA OF LOW PRESSURE COVERED THE U.K. & IRELAND. THERE WAS LITTLE CHANGE ON 13TH AS A LOW (1010MB) LINGERED AT 50N/10W. ON 14TH A HIGH (1021MB) FORMED OVER NORTHERN BRITTANY WHILST THE U.K. & IRELAND WAS AFFECTED BY A SLACK AREA OF LOW PRESSURE. ON 15TH A NEW HIGH (1031MB) FORMED AT 58N/20W & THIS EXTENDED A RIDGE TO & OVER THE U.K. & IRELAND. BY 17TH THE HIGH (1032MB) HAD MOVED TO N.W. SCOTLAND AS THE RIDGE OVER THE U.K. WAS MAINTAINED WITH A STRENGTHENING GRADIENT OVER S & S.W. ENGLAND. THERE WAS LITTLE CHANGE ON 17TH & 18TH. ON 19TH PRESSURE FELL FURTHER AS A HIGH (1031MB) FORMED OVER S.E. ICELAND & A WEAK SHOWER TROUGH STRETCHED FROM N.E. CORNWALL TO NORTHERN BRITTANY. ON 20TH THE HIGH (1028MB)

PERSISTED OVER S.E. ICELAND AS A WEAK COLD FRONT MOVED SOUTHWARDS OVER THE MIDLANDS & NORTH WALES. ON 21ST THE HIGH (1024MB) S.E. ICELAND EXTENDED A RIDGE TO & OVER THE U.K. & IRELAND. ON 22ND A NEW HIGH (1024MB) FORMED S.W. OF THE ISLES OF SCILLY & THIS EXTENDED A RIDGE TO & OVER THE U.K, IRELAND & NORTHWARDS TO THE EAST OF ICELAND. BY 23RD THE HIGH (1022MB) HAD MOVED TO THE EAST OF SCOTLAND & IT CONTINUED TO DOMINATE THE WEATHER ACROSS THE U.K. & IRELAND. THERE WAS LITTLE CHANGE ON THE 24TH. THE 25TH SAW A SLACK AREA OF LOW PRESSURE. ON 26TH A WEAK COLD FRONT CLEARED EARLY MORNING TO BE FOLLOWED BY A SHOWERY WESTERLY AIRSTREAM. THE 27TH SAW ANOTHER COLD FRONT CLEARED DURING THE MORNING AS THE SHOWERY S.W. AIRSTREAM CONTINUED. THERE WAS LITTLE CHANGE ON 28TH AS A LOW (985MB) AT 56N/10W MOVED EASTWARDS. DURING THE EVENING OF 28TH A SMALL, BUT ACTIVE LOW (994MB) MOVED EASTWARDS ACROSS CORNWALL & ALONG THE SOUTH COAST BRINGING A PERIOD OF TORRENTIAL RAIN. ON 29TH A SHOWERY WESTERLY AIRSTREAM RETURNED. THE 30TH SAW A COLD FRONT CLEARING AFTERNOON AS A SHOWERY WESTERLY AIRSTREAM RETURNED WHILST A LOW (971MB) WAS SLOW-MOVING TO THE WNW OF GALWAY. THERE WAS LITTLE CHANGE ON 31ST AS A SHOWERY SOUTHWESTERLY CONTINUED. THE MAIN ATLANTIC JET STREAM WAS EITHER OVER OR TO THE WEST OF THE U.K. FROM 1ST-11TH, TO THE N.W. FROM THE 12TH-15TH, TO THE NORTH FROM 16TH-19TH, BACK TO THE WEST FROM 20TH-29TH & BACK TO THE S.W. ON THE 30TH & 31ST. THE FIRST THREE WEEKS OF AUGUST SAW ONLY LIGHT AMOUNTS OF RAINFALL MAKING IT LOOK AS THOUGH IT MAY HAVE BEEN THE DRIEST ON RECORD HERE! HOWEVER, WITH VERY HEAVY & TORRENTIAL RAIN DURING THE 28TH, THIS CHANGED EVERYTHING COMPLETELY RESULTING WITH THE FINAL TOTAL BEING ONLY A LITTLE BELOW THE LONG TERM AVERAGE. IT WAS THE WETTEST AUGUST HERE SINCE 2023. THE MONTH ALSO SAW THE LOWEST NUMBER OF DAYS WITH RAIN HERE SINCE 2003. ALL MEAN TEMPERATURES WERE ABOVE NORMAL, EVENTUALLY MAKING IT THE WARMEST AUGUST HERE SINCE 2022. THE MEAN S.W. SEA TEMPERATURE WAS ALSO THE HIGHEST RECORDED IN ANY AUGUST SINCE 2022. THUNDER WAS RECORDED TO THE N.E. AT 1348 G.M.T. ON 11TH & AGAIN ON THE 27TH AT 0620 G.M.T. THE MAXIMUM (MEASURED) WIND GUST DURING THE MONTH WAS 17KT (19 M.P.H.) ON 16TH & THE PREDOMINANT WIND DIRECTION AT 0900 G.M.T. WAS

EASTERLY. THE SUMMER AS A WHOLE WAS THE WARMEST EVER RECORDED HERE & THE MEAN MAX. TEMPERATURE WAS THE WARMEST IN AUGUST SINCE 2022. THE TOTAL RAINFALL WAS THE LOWEST IN ANY SUMMER SINCE 2022 (216.2MM). THE DAYS WITH RAIN RECORDED WAS THE LOWEST SINCE SUMMER 2022 (56 DAYS).

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: 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