

# STITHIANS WEATHER SUMMARY

## JULY 2025

HIGHEST MAXIMUM TEMPERATURE	27.3C (11TH)
HIGHEST MINIMUM TEMPERATURE	17.4C (17TH)
LOWEST MAXIMUM TEMPERATURE	17.1C (06TH)
LOWEST MINIMUM TEMPERATURE	06.5C (03RD)
MEAN MAXIMUM TEMPERATURE	21.3C (10YR) 20.2C (37YR) 19.3C
MEAN MINIMUM TEMPERATURE	13.1C (10YR) 12.3C (37YR) 11.9C
MEAN TEMPERATURE FOR MONTH	17.2C (10YR) 16.2C (37YR) 15.6C
MAX DAILY TEMPERATURE RANGE	16.8C (11TH)
MEAN DAILY TEMPERATURE RANGE	08.2C
TOTAL RAINFALL FOR THE MONTH	44.5 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	84.7 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	84.8 MM
MAXIMUM RAINFALL IN 24 HOURS	8.2 MM (15TH)
RAIN DAYS (0.2MM OR MORE)	16
WET DAYS (1.0MM OR MORE)	13
DAYS WITH RAIN INCLUDED	22
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	1030.0 MB (03RD)
MINIMUM ATMOSPHERIC PRESSURE	991.0 MB (20TH)
MEAN ATMOSPHERIC PRESSURE	1016.1 MB (37YR MEAN) 1017.0 MB
MEAN SW SEA TEMP	
JULY 1986-2024 AV)	16.1C
10YR RUNNING MEAN SW SEA TEMP	16.8C
MEAN SW SEA TEMP JULY 2025:	17.8C

### NOTES

SYNOPTIC SITUATION: ON THE 1ST A COLD FRONT TO THE WEST OF CORNWALL MOVED SLOWLY EASTWARDS AND DIED OUT.

ON THE 2ND THERE WAS A RIDGE OF HIGH PRESSURE (FROM A HIGH 1032MB NORTH OF AZORES).

THERE WAS LITTLE CHANGE ON THE 3RD AND 4TH.

ON THE 5TH A FRONTAL SYSTEM MOVED IN FROM THE WEST. THIS PERSISTED OVERNIGHT BEFORE THE WEAK COLD FRONT CLEARED DURING THE EARLY AFTERNOON OF THE 6TH.

ON THE 7TH A FRESH NW AIRSTREAM PREVAILED.

BY THE 8TH A HIGH (1027MB) NE OF THE AZORES EXTENDED A RIDGE TO AND OVER THE UK AND IRELAND.

THE 9TH SAW THE HIGH (1025MB) MOVE TO THE SW OF THE ISLES OF SCILLY AS THE RIDGE WAS MAINTAINED.

BY THE 10TH THE HIGH (1024MB) HAD DRIFTED TO THE ISLE OF MAN AND BECAME THE DOMINANT FEATURE OVER THE UK AND IRELAND.

ON THE 11TH THE HIGH (1023MB) HAD MOVED INTO THE MID NORTH SEA AS A WEAKENING RIDGE WAS MAINTAINED OVER THE UK.

ON THE 12TH PRESSURE DECLINED AS A SE AIRSTREAM BECAME ESTABLISHED. THERE WAS LITTLE CHANGE ON 13TH.

ON THE 14TH A COLD FRONT CLEARED OVERNIGHT, FOLLOWED BY A SHOWERY SW AIRSTREAM AS A COMPLEX LOW (1000MB) LINGERED TO THE WEST OF IRELAND.

THERE WAS LITTLE CHANGE ON THE 15TH AS THE LOW (1003MB) MOVED EASTWARDS TO THE ISLE OF MAN.

THE 16TH SAW A WARM FRONT LINGERING ALL DAY AND EVENING BEFORE A BROAD WARM SECTOR MOVED IN FOR THE 17TH.

THE COLD FRONT CLEARED OVERNIGHT, BEING FOLLOWED BY A SLACK AREA OF LOW PRESSURE ON THE 18TH.

ON THE 19TH A FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST.

BY THE 20TH A LOW (993MB) HAD DRIFTED INTO THE CENTRAL CELTIC SEA AS A SHOWERY SW AIRSTREAM CONTINUED.

BY THE 21ST THE LOW (997MB) HAD MOVED TO KENT AS AN OCCLUSION STILL AFFECTED WESTERN ENGLAND, WALES AND SCOTLAND.

ON THE 22ND A SHOWERY W/NW AIRSTREAM PREVAILED.

THERE WAS LITTLE CHANGE ON THE 23RD.

ON THE 24TH A HIGH (1030MB) AZORES EXTENDED A RIDGE TO AND OVER THE UK AND IRELAND.

THE 25TH SAW LITTLE CHANGE BEFORE A WEAK OCCLUSION ARRIVED DURING THE EVENING. THIS CLEARED DURING THE MORNING OF THE 26TH, BEING FOLLOWED BY A RENEWED RIDGE.

ON THE 27TH AND 28TH THE AZORES HIGH (1032MB) EXTENDED A RIDGE TO AND OVER THE UK AND IRELAND.

ON THE 29TH A WARM FRONT MOVED IN FROM THE NW AS A WEAK RIDGE PERSISTED.

THE 30TH SAW A WEAK RIDGE OF HIGH PRESSURE BEFORE A WARM FRONT ARRIVED LATE EVENING.

ON THE 31ST A WEAK OCCLUSION CLEARED FROM THE NORTHWEST.

THE MAIN ATLANTIC JET STREAM WAS OVER THE UK ON THE 1ST AND 2ND, TO THE WEST FROM THE 3RD-5TH, TO THE S.W. ON THE 6TH AND 7TH AND TO THE WEST ON THE 8TH. IT THEN WENT TO THE NW FROM

THE 9TH-12TH AND VARIED BETWEEN SW, WEST AND NW FOR THE REMAINDER OF THE MONTH.

JULY WAS A WARM MONTH, WITH ONLY HALF OF AVERAGE RAINFALL.

DAILY RAINFALL AMOUNTS WERE GENERALLY LIGHT AND DRY DAYS WERE RECORDED ONLY BETWEEN THE 1ST AND 4TH, FROM THE 9TH-12TH, THE 18TH, THE 23-24TH AND THE 27TH.

THE MAXIMUM (MEASURED) MAXIMUM WIND GUST FOR THE MONTH WAS 17KT (19 MPH).

THE PREDOMINANT WIND DIRECTION WAS NORTHWESTERLY.

IT WAS THE DRIEST JULY SINCE 2022, AS WAS THE MEAN MAX. TEMPERATURE ALSO.

THE MEAN TEMPERATURE WAS THE HIGHEST IN JULY SINCE 2018, AS WAS THE MEAN SW SEA TEMPERATURE ALSO.

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 CRELLow 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)