

STITHIANS WEATHER SUMMARY

JULY 2026

HIGHEST MAXIMUM TEMPERATURE	30.C (06TH)
HIGHEST MINIMUM TEMPERATURE	20.0C (13TH)
LOWEST MAXIMUM TEMPERATURE	18.6C (02ND)
LOWEST MINIMUM TEMPERATURE	07.3C (03RD)
MEAN MAXIMUM TEMPERATURE	24.3C (10YR) 20.4C (38YR) 19.4C
MEAN MINIMUM TEMPERATURE	13.0C (10YR) 12.4C (38YR) 11.9C
MEAN TEMPERATURE FOR MONTH	18.6C (10YR) 16.4C (38YR) 15.6C
MAX DAILY TEMPERATURE RANGE	21.9C (06TH)
MEAN DAILY TEMPERATURE RANGE	11.2C
TOTAL RAINFALL FOR THE MONTH	5.4 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	76.6 MM
TOTAL RAINFALL (38 YRS LONG TERM AV)	83.7 MM
MAXIMUM RAINFALL IN 24 HOURS	2.1 MM (25TH)
RAIN DAYS (0.2MM OR MORE)	06
WET DAYS (1.0MM OR MORE)	03
DAYS WITH RAIN INCLUDED	07
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	1031.0 MB (03RD & 04TH)
MINIMUM ATMOSPHERIC PRESSURE	1010.0 MB (26TH)
MEAN ATMOSPHERIC PRESSURE	1022.1 MB (38YR MEAN) 1016.7 MB
MEAN SW SEA TEMP	
JULY 1986-2025 AV)	16.2C
10YR RUNNING MEAN SW SEA TEMP	16.9C
MEAN SW SEA TEMP JULY 2026:	19.1C

NOTES

SYNOPTIC SITUATION: ON 1ST THERE WAS A RIDGE OF HIGH PRESSURE EXTENDING FROM A HIGH (1036MB) N.E. OF AZORES BEFORE A WARM FRONT ARRIVED DURING THE EVENING. ON 2ND A COLD FRONT SLOWLY CLEARED AWAY TO THE S.E. THE 3RD SAW A HIGH (1033MB) W.S.W. OF THE ISLES OF SCILLY EXTEND A STRONG RIDGE TO & OVER THE U.K. & IRELAND. THERE WAS LITTLE CHANGE ON 4TH & 5TH. ON 6TH A HIGH (1025MB) N.E. OF THE AZORES EXTENDED A WEAKENING RIDGE TO & OVER S.W. ENGLAND, FRANCE & THE BALKANS. THE HIGH (1025MB) TO THE N.E. OF THE AZORES CONTINUED TO EXTEND A RIDGE TO & OVER THE U.K. & IRELAND ON THE 7TH & 8TH. ON 9TH A BAND OF HIGH PRESSURE COVERED THE U.K. & IRELAND. ON 10TH THE HIGH (1025MB) MOVED TO THE WEST OF IRELAND AS A RIDGE WAS MAINTAINED OVER SCOTLAND & THE NORTH SEA. THERE WAS LITTLE CHANGE ON 11TH. BY 12TH THE HIGH (1034MB) HAD INTENSIFIED & MOVED INTO THE NORTHERN ISLES WHILST A S.E. GRADIENT INCREASED OVER SOUTH & SOUTHWEST ENGLAND. THERE WAS LITTLE CHANGE ON 13TH, 14TH & 15TH. ON 16TH A NEW HIGH (1031MB) FORMED TO THE S.W. OF ICELAND AS PRESSURE SLOWLY FELL OVER SOUTH & SOUTHWEST ENGLAND. ON 17TH A SLACK AREA OF LOW PRESSURE PREVAILED. ON 18TH A HIGH (1033MB) AT 56N/21W (MID-ATLANTIC) EXTENDED A RIDGE TO & OVER THE U.K. & IRELAND AS A COOLER N.W. AIRSTREAM ARRIVED. THERE WAS LITTLE CHANGE ON 19TH. THE 20TH SAW A BLOCKING HIGH (1038MB) IN THE MID-ATLANTIC & THIS EXTENDED A STRONG RIDGE TO & OVER THE U.K. & IRELAND. THERE WAS LITTLE CHANGE ON THE 21ST, 22ND, 23RD &

24TH. ON 25TH PRESSURE FELL AWAY AS A NORTHWESTERLY AIRSTREAM ARRIVED & THE HIGH (1031MB) DRIFTED AWAY TO THE AZORES. ON 26TH A COLD FRONT CLEARED EARLY, BEING FOLLOWED BY A COOLER NORTHWESTERLY AIRSTREAM. ON 27TH THERE WAS A RIDGE OF HIGH PRESSURE. BY 28TH A NEW HIGH (1021MB) HAD FORMED OVER SOUTHERN DENMARK & THIS EXTENDED A WEAK RIDGE TO & OVER SOUTHERN ENGLAND. ON 29TH THERE WAS A FLABBY AREA OF LOW PRESSURE. THE 30TH SAW A WEAK COLD FRONT CLEARING AROUND MIDDAY. ON 31ST THERE WAS A RIDGE OF HIGH PRESSURE. THE MAIN ATLANTIC JET STREAM WEAKENED & BECAME MORE BROKEN DURING THE MONTH. IT WAS OVER THE U.K. FROM THE 1ST TO 7TH INCLUSIVE, THEN TRANSFERRING TO THE NORTHWEST UP TO & INCLUDING THE 17TH. IT WAS THEN BRIEFLY AGAIN OVER THE U.K. FROM THE 18TH TO 20TH. IT THEN ERRATICALLY DRIFTED FROM THE NORTHWEST AND AT TIMES OVER THE U.K. & BACK AGAIN FOR THE REMAINDER OF THE MONTH. JULY 2026 CAN ONLY BE DESCRIBED AS TRULY EXCEPTIONAL! IN A MONTH WHICH WAS PREDOMINANTLY DOMINATED BY HIGH PRESSURE, IT EVENTUALLY TURNED OUT TO BE THE DRIEST & WARMEST MONTH EVER RECORDED HERE (WITH RECORDS BACK TO 1987). IT WAS ALSO VERY SUNNY AND WITH MOSTLY EXCELLENT VISIBILITIES AND GENERALLY LIGHT AMOUNTS OF CLOUD. NOTABLE OCCURRENCES INCLUDED VERY SMALL RAINFALL AMOUNTS, THE HIGHEST MAXIMUM TEMPERATURE FOR ANY JULY HERE, ANOTHER 'TROPICAL' NIGHT (2ND MONTH RUNNING!) WITH A MINIMUM TEMPERATURE OF 20.0C ON THE 13TH & A NEW HIGHEST MONTHLY EVER VALUE OF THE MEAN SEA TEMPERATURE. (THERE IS A 'MARINE HEATWAVE' GOING ON AT THE MOMENT!). OTHER BROKEN RECORDS INCLUDE NEW ALL TIME MONTHLY MEAN MAXIMUM TEMPERATURE, MEAN TEMPERATURE, MAXIMUM DAILY TEMPERATURE RANGE & MEAN DAILY TEMPERATURE RANGE. THE LOWEST MAXIMUM TEMPERATURE FOR ANY JULY WAS A NEW 'HIGHEST' AS WAS THE HIGHEST MINIMUM TEMPERATURE ALSO. THE PREDOMINANT WIND DIRECTION AT THE MORNING OBSERVATION WAS SOUTHERLY AND THE MAXIMUM (MEASURED) WIND GUST WAS 20KT (23 M.P.H.) ON THE 12TH, 13TH & 15TH.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: stithiansweather.co.uk THIS NOW ALSO INCLUDES A DIRECT LINK FOR OUR STITHIANS WEATHER STATION 24 HOUR 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