

# STITHIANS WEATHER SUMMARY

## MARCH 2025

HIGHEST MAXIMUM TEMPERATURE	14.1C (25TH & 26TH)
HIGHEST MINIMUM TEMPERATURE	09.7C (07TH)
LOWEST MAXIMUM TEMPERATURE	07.8C (13TH)
LOWEST MINIMUM TEMPERATURE	-04.2C (04TH)
MEAN MAXIMUM TEMPERATURE	11.1C (10YR) 10.4C (37YR) 10.0C
MEAN MINIMUM TEMPERATURE	03.6C (10YR) 04.3C (37YR) 04.1C
MEAN TEMPERATURE FOR MONTH	07.3C (10YR) 07.3C (37YR) 07.0C
MAX DAILY TEMPERATURE RANGE	14.3C (05TH)
MEAN DAILY TEMPERATURE RANGE	07.5C
TOTAL RAINFALL FOR THE MONTH	46.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	138.6 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	93.5 MM
MAXIMUM RAINFALL IN 24 HOURS	20.4 MM (21ST)
RAIN DAYS (0.2MM OR MORE)	12
WET DAYS (1.0MM OR MORE)	08
DAYS WITH RAIN INCLUDED	15
DAYS WITH HAIL	01
DAYS WITH THUNDER	01
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	10

MAXIMUM ATMOSPHERIC PRESSURE	1034.0 MB (01ST)
MINIMUM ATMOSPHERIC PRESSURE	993.0 MB (22ND)
MEAN ATMOSPHERIC PRESSURE	1015.3 MB (37YR MEAN) 1016.0 MB
MEAN SW SEA TEMP	
MARCH 1986-2024 AV)	09.6C
10YR RUNNING MEAN SW SEA TEMP	10.0C
MEAN SW SEA TEMP MARCH 2025:	10.5C

### NOTES

SYNOPTIC SITUATION: THE 1ST SAW A HIGH (1036MB) SOUTHERN NORTH SEA LINKED TO A HIGH (1038MB) NORTH OF AZORES DOMINATING THE WEATHER OVER THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 2ND, 3RD, 4TH AND 5TH.

THE 6TH SAW PRESSURE FALLING AS A MOIST SE AIRSTREAM CONTINUED.

ON THE 7TH A COLD FRONT CLEARED EASWARDS DURING THE EARLY AFTERNOON AS THE SE DRIFT CONTINUED AND A LOW (986MB) WAS SLOW MOVING WEST OF PORTUGAL.

THE 8TH SAW A COLD FRONT MOVE UP FROM THE SOUTHWEST AS A LOW (980MB) AT 45N/15W LINGERED.

ON THE 9TH A MOIST SE AIRSTREAM PERSISTED AS A LOW (981MB) WAS SLOW MOVING TO THE NW OF PORTUGAL.

THE 10TH SAW AN EASTERLY AIRSTREAM WITH A LOW (988MB) STILL WEST OF PORTUGAL AND A HIGH (1031MB) OVER SW ICELAND, WHILE A COLD FRONT WAS MOVING SOUTHWARDS OVER NORTHERN ENGLAND.

ON THE 11TH A WEAK COLD FRONT MOVED SLOWLY SOUTHWARDS AND CLEARED.

ON THE 12TH ANOTHER COLD FRONT CLEARED SOUTHWARDS AS A NORTHERLY AIRSTREAM ARRIVED.

THE 13TH SAW A SLIGHTLY SHOWERY NORTHERLY AIRSTREAM CONTINUING AS THE HIGH (1033MB) WAS SLOW MOVING SW OF ICELAND.

BY THE 14TH THE HIGH (1024MB) HAD MOVED TO THE MID ATLANTIC AS A WEAK RIDGE FROM IT PERSISTED OVER THE UK AND IRELAND.

BY THE 15TH THE HIGH (1025MB) OVER GALWAY DOMINATED THE WEATHER OVER THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 16TH AS THE DOMINANT HIGH (1029MB) DRIFTED TO THE NW OF SCOTLAND.

BY THE 17TH THE HIGH (1035MB) MOVED INTO THE EASTERN NORTH SEA AS AN EASTERLY AIRSTREAM DEVELOPED.

ON THE 18TH A SE AIRSTREAM DEVELOPED AS THE HIGH (1033MB) MOVED TO SOUTHERN GERMANY.

THERE WAS LITTLE CHANGE ON THE 19TH AND 20TH.

THE 21ST SAW A SMALL FRONTAL SYSTEM TO THE SW WITH A COLD FRONT CLEARING NORTHWARDS DURING THE AFTERNOON.

ON THE 22ND A SMALL LOW (994MB) MOVED NORTHWARDS TO BE JUST SOUTH OF THE ISLES OF SCILLY.

THE 23RD SAW A NW AIRSTREAM BEFORE A RIDGE OF HIGH PRESSURE ARRIVED ON THE 24TH.

THE 25TH SAW A WEAK COLD FRONT CLEARING EARLY AS A RIDGE PERSISTED.

ON THE 26TH A HIGH (1026MB) FORMED OVER SOUTHERN NORFOLK WHICH DOMINATED THE WEATHER OVER THE UK AND IRELAND.

THE 27TH SAW A BROAD WARM SECTOR AND A COLLAPSING WEAK RIDGE.

ON THE 28TH A COLD FRONT CLEARED DURING THE EARLY HOURS, BEING FOLLOWED BY A SLIGHTLY SHOWERY NW AIRSTREAM.

ON THE 29TH A RIDGE GAVE WAY AS A WARM FRONT MOVED IN DURING THE AFTERNOON. THE COLD FRONT CLEARED OVERNIGHT, BEING REPLACED BY A NW AIRSTREAM AND A RIDGE OF HIGH PRESSURE ON THE 30TH.

THE 31ST SAW A HIGH (1030MB) OVER THE WASH WHICH DOMINATED THE WEATHER ACROSS THE UK, IRELAND FRANCE AND NORWAY.

THE MAIN ATLANTIC JET STREAM WAS PREDOMINANTLY TO THE NW OF THE BRITISH ISLES DURING THE MONTH.

MARCH WAS ANOTHER DRY MONTH WITH GENERALLY LIGHT AMOUNTS OF RAINFALL RECORDED, EXCEPTING THE 20.4MM WHICH FELL DURING THE 24 HOURS OF THE 21ST.

IT WAS THE DRIEST MARCH HERE SINCE 2012.

MEAN MAX TEMPERATURES WERE AROUND 1<sup>0</sup>C ABOVE NORMAL AND THE MEAN MIN TEMPERATURES WERE BELOW AVERAGE, LARGELY CAUSED BY THE 10 DAYS WITH AIR FROSTS RECORDED (THE MOST AIR FROSTS IN MARCH SINCE 2018). THE MEAN TEMPERATURE WAS SHARED EQUALLY WITH MARCH 2021.

THERE WERE ONLY 15 DAYS WITH RAIN RECORDED DURING THE MONTH. ON THE 12TH THERE WAS A 2MM DIA HAIL SHOWER AT 1148 GMT AND ON THE 21ST THUNDER OCCURRED BETWEEN 1745 GMT AND 1814 GMT, FIRSTLY TO THE SW, THEN TO THE WNW AND NORTH, THIS BEING ACCOMPANIED BY HEAVY RAIN SHOWERS.

THE MEAN SW SEA TEMPERATURE WAS THE SAME AS IN MARCH 2022.

THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 17KT (19 MPH) ON THE 17TH AND 18TH.

THE PREDOMINANT WIND DIRECTION (AT THE 0900 GMT OBSERVATION) WAS CALM, FOLLOWED BY NORTHWESTERLY.

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 I 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)