

STITHIANS WEATHER SUMMARY

JUNE 2025

HIGHEST MAXIMUM TEMPERATURE	24.3C (21ST)
HIGHEST MINIMUM TEMPERATURE	17.3C (28TH)
LOWEST MAXIMUM TEMPERATURE	16.2C (03RD & 07TH)
LOWEST MINIMUM TEMPERATURE	06.1C (17TH)
MEAN MAXIMUM TEMPERATURE	20.0C (10YR) 18.6C (37YR) 17.7C
MEAN MINIMUM TEMPERATURE	12.3C (10YR) 10.4C (37YR) 09.8C
MEAN TEMPERATURE FOR MONTH	16.1C (10YR) 14.5C (37YR) 13.7C
MAX DAILY TEMPERATURE RANGE	16.7C (17TH)
MEAN DAILY TEMPERATURE RANGE	07.7C
TOTAL RAINFALL FOR THE MONTH	82.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	78.4 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	76.1 MM
MAXIMUM RAINFALL IN 24 HOURS	21.2 MM (11TH)
RAIN DAYS (0.2MM OR MORE)	16
WET DAYS (1.0MM OR MORE)	11
DAYS WITH RAIN INCLUDED	21
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	1026.0 MB (16TH)
MINIMUM ATMOSPHERIC PRESSURE	1007.0 MB (11TH)
MEAN ATMOSPHERIC PRESSURE	1016.3 MB (37YR MEAN) 1017.0 MB
MEAN SW SEA TEMP	
JUNE 1986-2024 AV)	13.9C
10YR RUNNING MEAN SW SEA TEMP	14.8C
MEAN SW SEA TEMP JUNE 2025:	14.8C

NOTES

SYNOPTIC SITUATION: ON THE 1ST THERE WAS A DOUBLE CENTERED LOW (1000MB) WESTERN ISLES AND LOW (992MB) TO THE NORTH OF SHETLAND WHICH PUSHED A WEAK OCCLUSION DOWN ACROSS THE REGION.

THE 2ND SAW A RIDGE OF HIGH PRESSURE.

ON THE 3RD A COLD FRONT CLEARED IN THE EARLY MORNING AS A LOW (966MB) LINGERED AT 62N/09W (THIS LOW WAS VERY DEEP FOR JUNE).

THE 4TH SAW A SHOWERY WESTERLY AIRSTREAM.

ON THE 5TH A WAVE RUNNER MOVED EASTWARDS AND CLEARED DURING THE EARLY HOURS, BEING FOLLOWED BY A COLD FRONT DURING THE EVENING. A LOW (980MB) WAS ALMOST STATIONARY TO THE EAST OF ICELAND.

THE 6TH SAW A WESTERLY AIRSTREAM BEFORE AN OCCLUSION MOVED UP FROM THE SOUTHWEST DURING THE EVENING BEFORE CLEARING OVERNIGHT.

ON THE 7TH ANOTHER OCCLUSION MOVED ACROSS THE REGION FROM THE WEST, CLEARING DURING THE EVENING.

THE 8TH SAW A RIDGE OF HIGH PRESSURE AND LITTLE CHANGE ON THE 9TH.

ON THE 10TH A WEAK WARM FRONT LINGERED AS A WEAKENING RIDGE TRIED TO PERSIST.

ON THE 11TH A HIGH (1025MB) FORMED NORTHERN HOLLAND AS A MOIST SE AIRSTREAM ARRIVED AND AN UNSTABLE WARM FRONT MOVED UP FROM THE SOUTHWEST DURING THE EVENING.

ON THE 12TH THE COLD FRONT CLEARED TO THE NE DURING THE MORNING, BEING FOLLOWED BY A MOIST S/SW AIRSTREAM.

THE 13TH SAW A WARM FRONT RETURN FROM THE SOUTHEAST.

ON THE 14TH A LOW (1010MB) ISLE OF MAN BROUGHT A SW AIRSTREAM.

THE 15TH SAW A RIDGE OF HIGH PRESSURE INTERSECTED BY AN OCCLUSION BEFORE THIS BROKE UP AND CLEARED.

ON THE 16TH A HIGH (1030MB) FORMED SW OF THE ISLES OF SCILLY WHICH DOMINATED THE WEATHER ACROSS ENGLAND AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 17TH.

BY THE 18TH THE HIGH (1027MB) HAD MOVED TO THE ISLE OF MAN AND BY THE 19TH IT HAD DRIFTED TO NORTHERN HOLLAND.

BY THE 20TH THE HIGH (1026MB) HAD MOVED TO SOUTHERN DENMARK AS IT'S WEAKENING RIDGE PERSISTED OVER SE ENGLAND.

ON THE 21ST AN UNSTABLE ISOBARIC TROUGH MOVED THROUGH DURING THE MORNING.

THE 22ND SAW A LOW (995MB) SE OF ICELAND PUSH A WEAK COLD FRONT THROUGH, FOLLOWED BY TWO FURTHER OCCLUSIONS DURING THE EVENING, BEFORE A WEAK RIDGE ARRIVED ON THE 23RD.

THE 24TH SAW A WARM FRONT PERSISTING ACROSS THE REGION. THIS MOVED NORTHWARDS ON THE 25TH AS A WARM SECTOR MOVED IN.

ON THE 26TH A COLD FRONT CLEARED EARLY MORNING, BEING FOLLOWED BY A RIDGE OF HIGH PRESSURE.

THE 27TH SAW A BROAD WARM SECTOR AS A HIGH (1027MB) PERSISTED IN EASTERN BISCAY AND A SOUTHWESTERLY AIRSTREAM AFFECTED THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 28TH.

BY THE 29TH THE HIGH (1026MB) HAD MOVED TO PLYMOUTH WHICH DOMINATED THE WEATHER ACROSS THE UK AND IRELAND.

BY THE 30TH THE HIGH (1023MB) HAD MOVED AWAY TO MID-DENMARK AS PRESSURE FELL AWAY AND A MOIST E/SE AIRSTREAM PERSISTED.

THE MAIN ATLANTIC JET STREAM VARIED WIDELY WITH IT BEING MAINLY TO THE WEST OR SOUTHWEST OF THE UK FOR THE FIRST TEN DAYS AND AFTER THIS IT WAS MAINLY TO THE NORTHWEST OR OVER THE UK.

THE MEAN TEMPERATURES IN JUNE WERE ALL ABOVE AVERAGE AND THE TOTAL RAINFALL WAS SLIGHTLY ABOVE NORMAL. MOST OF THE MONTH'S RAINFALL FELL IN THE FIRST 13 DAYS, THEREAFTER THE DAILY AMOUNTS BEING MUCH LIGHTER. THE HEAVIEST 24 HOUR RECORDED RAINFALL OCCURRED ON THE 2ND (12.4MM), ON THE 11TH (21.2MM) AND ON THE 13TH (19.2MM).

THUNDERSTORMS OCCURRED ON THE 11TH AT 1914 GMT WITH DISTANT THUNDER TO THE SSW AND ON THE 1ST BETWEEN 0934 GMT AND 0946 GMT WHEN A THUNDERSTORM MOVED UP FROM THE SW AND EVENTUALLY CLEARED TO THE NE.

THE PREDOMINANT WIND DIRECTION AT THE 0900 GMT OBSERVATION WAS SOUTHWESTERLY AND THE MAXIMUM (MEASURED) WIND GUSTS WERE 14KT (16 MPH) ON THE 3RD, THE 7TH AND ON THE 27TH.

IT WAS THE WETTEST JUNE HERE SINCE 2020, AS WERE THE DAYS WITH RAIN RECORDED ALSO.

THE MEAN MAX. TEMP WAS THE HIGHEST IN JUNE SINCE 2023 AND AN EQUAL VALUE TO JUNE 2014.

THE MEAN MIN TEMPERATURE IS A NEW RECORD 'HIGHEST' FOR ANY JUNE SO FAR RECORDED HERE. THE MEAN TEMPERATURE IS SECOND ONLY TO JUNE 2023.

THE LOWEST MAX TEMPERATURE IS A NEW 'HIGHEST' FOR ANY JUNE SO FAR.

THE LOWEST MIN TEMPERATURE IS A NEW 'HIGHEST' FOR ANY JUNE.

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