

STITHIANS WEATHER SUMMARY

APRIL 2025

HIGHEST MAXIMUM TEMPERATURE	20.7C (30TH)
HIGHEST MINIMUM TEMPERATURE	11.9C (30TH)
LOWEST MAXIMUM TEMPERATURE	07.0C (15TH)
LOWEST MINIMUM TEMPERATURE	-00.6C (11TH)
MEAN MAXIMUM TEMPERATURE	14.2C (10YR) 12.6C (37YR) 12.2C
MEAN MINIMUM TEMPERATURE	05.8C (10YR) 04.7C (37YR) 04.5C
MEAN TEMPERATURE FOR MONTH	10.0C (10YR) 08.6C (37YR) 08.3C
MAX DAILY TEMPERATURE RANGE	15.7C (27TH)
MEAN DAILY TEMPERATURE RANGE	08.4C
TOTAL RAINFALL FOR THE MONTH	148.8 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	71.8 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	87.3 MM
MAXIMUM RAINFALL IN 24 HOURS	52.4 MM (15TH)
RAIN DAYS (0.2MM OR MORE)	12
WET DAYS (1.0MM OR MORE)	09
DAYS WITH RAIN INCLUDED	15
DAYS WITH HAIL	00
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	03

MAXIMUM ATMOSPHERIC PRESSURE	1030.0 MB (10TH)
MINIMUM ATMOSPHERIC PRESSURE	994.0 MB (15TH)
MEAN ATMOSPHERIC PRESSURE	1014.5 MB (37YR MEAN) 1014.7 MB
MEAN SW SEA TEMP	
APRIL 1986-2024 AV)	10.2C
10YR RUNNING MEAN SW SEA TEMP	10.6C
MEAN SW SEA TEMP APRIL 2025:	11.5C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A HIGH (1033MB) MID NORTH SEA DOMINATED THE WEATHER ACROSS THE UK AND IRELAND. THERE WAS LITTLE CHANGE ON 2ND EXCEPTING THAT PRESSURE FELL AWAY STEADILY.

ON THE 3RD AN EASTERLY AIRSTREAM PREVAILED AS A WARM FRONT MOVED UP FROM BRITTANY, CLEARING OVERNIGHT.

ON THE 4TH THERE WAS A WEAK RIDGE WHILST AN EASTERLY AIRSTREAM PERSISTED.

THERE WAS LITTLE CHANGE ON THE 5TH.

THE 6TH SAW A HIGH (1032MB) S.W. NORWAY WITH RIDGES TO UK, IRELAND, GERMANY AND GREENLAND.

ON THE 7TH THE HIGH (1030MB) MOVED INTO THE NORTH SEA AS THE RIDGE PERSISTED.

THERE WAS LITTLE CHANGE ON THE 8TH.

THE 9TH SAW THE HIGH (1034MB) MOVE TO SHETLAND AS IT CONTINUED TO DOMINATE THE WEATHER OVER THE UK AND IRELAND.

THE 10TH SAW THE HIGH (1023MB) W WALES DECLINE AS PRESSURE FELL AWAY AND AN EASTERLY AIRSTREAM CONTINUED.

ON THE 11TH A SHOWER TROUGH AFFECTED WESTERN AND CENTRAL CORNWALL.

THE 12TH SAW A WEAK COLD FRONT MOVE THROUGH AS A VERY WEAK RIDGE PERSISTED.

ON THE 14TH AN OCCLUSION EDGED UP FROM THE SOUTHWEST, FOLLOWED BY A LOW (992MB) DURING THE EVENING.

ON THE 15TH THERE WAS A LOW (990MB) NE BRITTANY AS A VERY ACTIVE FRONTAL SYSTEM AFFECTED SW ENGLAND AND WALES.

OVERNIGHT, THE LOW MOVED AWAY NORTHWARDS TO BE OVER MANCHESTER BY 1200 GMT ON THE 16TH.

ON THE 17TH A VERY WEAK RIDGE PREVAILED.

THE 18TH SAW A LOW (996MB) TO THE SOUTH OF KERRY, TOGETHER WITH ITS FRONTAL SYSTEM, MOVE UP FROM THE SOUTH. THE LOW (996MB) MOVED SOUTHWARDS TO BE OVER SOUTHERN BISCAY BY 1200 GMT ON THE 19TH, WHILE A LINGERING AND WEAKENING COLD FRONT PERSISTED OVER SW ENGLAND.

ON THE 20TH THERE WAS A SLACK AREA OF LOW PRESSURE.

THE 21ST SAW A WEAK OCCLUSION MOVING EASTWARDS AND CLEARING.

ON THE 22ND A WEAK RIDGE WAS FOLLOWED BY A FRONTAL SYSTEM LATE AFTERNOON. THIS PERSISTED AS AN OCCLUSION ON THE 23RD AS THE LOW (1010MB) MOVED TO BE OVER THE ISLE OF WIGHT BY 1200 GMT.

ON THE 24TH A WEAK RIDGE PREVAILED.

THE 25TH SAW A FRONTAL SYSTEM EDGE UP FROM THE SW.

THE 26TH SAW A WEAK OCCLUSION PERSISTING ALL DAY.

ON THE 27TH A HIGH (1027MB) FORMED OVER NORMANDY WHICH DOMINATED THE WEATHER OVER THE UK AND IRELAND.

THE 28TH SAW THE HIGH (1032MB) MOVE TO THE NORTHERN NORTH SEA WHILE MAINTAINING A RIDGE OVER THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 29TH AND 30TH.

THE MAIN ATLANTIC JET STREAM WAS MOSTLY TO THE NW OF THE UK UP UNTIL THE 15TH, THEN TO THE SW UNTIL THE 26TH WHEN IT REVERTED TO THE NW ONCE AGAIN BY THE CLOSE OF THE MONTH.

APRIL TURNED OUT TO BE WARMER AND MUCH WETTER THAN NORMAL. THE FIRST 10 DAYS OF THE MONTH WERE LARGELY DRY AND SUNNY BY DAY, BUT ALSO WITH SOME COLDER NIGHTS RESULTING IN THREE SLIGHT AIR FROSTS BEING RECORDED HERE.

A MORE CHANGEABLE PERIOD THEN FOLLOWED UNTIL THE 25TH, WITH ONE DAY, NAMELY THE 15TH BEING ESPECIALLY WET WITH A WHOLE DAY OF HEAVY OR VERY HEAVY RAIN OCCURRING.

THE FINAL FIVE DAYS BECAME DRY AND MOSTLY SUNNY ONCE AGAIN.

THE PREDOMINANT WIND DIRECTION WAS AGAIN SOUTHEASTERLY, FOLLOWED BY EASTERLY AND THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 21KT (24 MPH) ON THE 1ST.

IT WAS THE HIGHEST MEAN MAXIMUM TEMPERATURE FOR ANY APRIL SINCE 2020 AND THE MEAN TEMPERATURE WAS THE HIGHEST IN ANY APRIL HERE SINCE 2011.

THE MEAN S.W. SEA TEMPERATURE IS A NEW RECORD HIGH FOR ANY APRIL SO FAR.

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