

STITHIANS WEATHER SUMMARY

MAY 2025

HIGHEST MAXIMUM TEMPERATURE	22.0C (30TH)
HIGHEST MINIMUM TEMPERATURE	14.4C (24TH)
LOWEST MAXIMUM TEMPERATURE	12.6C (05TH)
LOWEST MINIMUM TEMPERATURE	00.7C (06TH)
MEAN MAXIMUM TEMPERATURE	17.8C (10YR) 15.8C (37YR) 15.0C
MEAN MINIMUM TEMPERATURE	08.2C (10YR) 07.4C (37YR) 07.2C
MEAN TEMPERATURE FOR MONTH	13.0C (10YR) 11.6C (37YR) 11.1C
MAX DAILY TEMPERATURE RANGE	17.9C (20TH)
MEAN DAILY TEMPERATURE RANGE	09.6C
TOTAL RAINFALL FOR THE MONTH	33.3 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	71.4 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	70.6 MM
MAXIMUM RAINFALL IN 24 HOURS	9.9 MM (10TH)
RAIN DAYS (0.2MM OR MORE)	10
WET DAYS (1.0MM OR MORE)	06
DAYS WITH RAIN INCLUDED	09
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	1026.0 MB (16TH)
MINIMUM ATMOSPHERIC PRESSURE	1007.0 MB (11TH)
MEAN ATMOSPHERIC PRESSURE	1017.8 MB (37YR MEAN) 1016.5 MB
MEAN SW SEA TEMP	
MAY 1986-2024 AV)	11.6C
10YR RUNNING MEAN SW SEA TEMP	12.2C
MEAN SW SEA TEMP MAY 2025:	14.1C

NOTES

SYNOPTIC SITUATION: ON THE 1ST THERE WAS AN ISOBARIC TROUGH OF LOW PRESSURE OVER ENGLAND AS A HIGH (1026MB) MOVED TO THE WEST OF IRELAND.

THERE WAS LITTLE CHANGE ON 2ND.

ON THE 3RD A WEAK COLD FRONT MOVED SOUTHWARDS ACROSS CORNWALL AND CLEARED WHILE A NEW HIGH (1028MB) FORMED OVER EASTERN ICELAND.

THE 4TH SAW THE HIGH (1030MB) MOVE TO THE NORTHWEST OF THE NORTHERN ISLES WHILST EXTENDING A RIDGE TO AND OVER THE UK AND IRELAND.

ON THE 5TH THE HIGH (1029MB) MOVED TO THE NORTH OF NORTHERN IRELAND AS THE RIDGE WAS MAINTAINED.

THERE WAS LITTLE CHANGE ON THE 6TH, 7TH AND 8TH.

ON THE 9TH THE HIGH (1025MB) MOVED AWAY TO HOLLAND AS PRESSURE SLOWLY DECREASED ACROSS THE UK.

ON THE 10TH LOW PRESSURE BEGAN TO MOVE UP FROM BISCAY WHILE A HIGH (1023MB) OVER NORTHERN HOLLAND PERSISTED.

THE 11TH SAW A LOW (1007MB) WEST OF BRITTANY PUSH A FRONTAL SYSTEM UP ACROSS CORNWALL AND DEVON.

ON THE 12TH THE LOW (1007MB) REMAINED SLOW MOVING WEST OF BRITTANY AS A FLABBY LOW PRESSURE AREA OVER SW AND SOUTHERN ENGLAND WAS MAINTAINED.

ON THE 13TH AN EASTERLY AIRSTREAM ARRIVED, THIS BETWEEN A HIGH (1028MB) OVER THE SHETLANDS AND A LOW (1011MB) OVER WESTERN BISCAY.

ON THE 14TH THE HIGH (1032MB) PERSISTED OVER SHETLAND AND A RIDGE COVERED THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 15TH, 16TH AND 17TH.

ON THE 18TH THE HIGH (1034MB) MOVED TO ICELAND WHILE MAINTAINING A RIDGE OVER THE UK AND IRELAND.

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

ON THE 21ST A SHOWER TROUGH CLEARED EARLY AS A NORTHWESTERLY AIRSTREAM ARRIVED.

ON THE 22ND A WEAK RIDGE AND A NW AIRSTREAM PERSISTED.

THE 23RD SAW THE RIDGE CONTINUING.

ON THE 24TH A BROAD WARM SECTOR COVERED THE UK AND IRELAND BEFORE A COLD FRONT CLEARED OVERNIGHT.

A SLIGHTLY SHOWERY WESTERLY AIRSTREAM ARRIVED ON 25TH.

THE 26TH SAW LITTLE CHANGE.

ON THE 27TH A WARM FRONT ARRIVED, FOLLOWED BY A WARM SECTOR. THE COLD FRONT CLEARED TO THE SOUTHEAST OVERNIGHT, FOLLOWED BY A RIDGE FOR THE 28TH, BEFORE A WARM FRONT MOVED IN AROUND MIDNIGHT.

ON THE 29TH A BROAD WARM SECTOR PERSISTED.

THERE WAS LITTLE CHANGE ON THE 30TH AS THE WEAK COLD FRONT TO THE NORTH OF CORNWALL CONTINUED TO BREAK UP.

THE 31ST SAW THE COLD FRONT FINALLY CLEAR DURING THE MORNING.

THE MAIN ATLANTIC JETSTREAM WAS TO THE NORTHWEST OF THE BRITISH ISLES UP UNTIL THE 17TH. IT THEN SHIFTED TO THE WEST UP

UNTIL THE 22ND, BEFORE SHIFTING TO BE OVER THE UK FOR THE REMAINDER OF THE MONTH.

MAY WAS DRY FOR THE FIRST THREE WEEKS EXCEPTING FOR 9.9MM ON THE 10TH, 2.2MM ON THE 11TH AND 0.7MM ON 20TH.

IT WAS ALSO VERY SUNNY AND GENERALLY WARM BY DAY, BUT THERE WERE ALSO A FEW COLDER NIGHTS AS WELL.

FROM THE 23RD TO THE 31ST IT BECAME A LOT MORE UNSETTLED AND WETTER WITH LOW PRESSURE DOMINATING.

THE MAIN WIND DIRECTION AT THE 0900 GMT OBSERVATION WAS EASTERLY, FOLLOWED BY SOUTHEASTERLY.

THE MAXIMUM (MEASURED) WIND GUST WAS 17KT (19 MPH) ON BOTH THE 26TH & 27TH.

THE TOTAL RAINFALL FOR THE MONTH WAS LESS THAN HALF OF AVERAGE AND ALL MEAN TEMPERATURES WERE ABOVE NORMAL.

IT WAS THE DRIEST MAY RECORDED HERE SINCE 2019 AND THE MEAN MAXIMUM AND MEAN TEMPERATURE WERE BOTH A NEW RECORD HIGHEST FOR ANY MAY HERE SO FAR.

THE MONTH SAW THE LOWEST MAX/MIN PRESSURE RANGE IN ANY MAY SINCE 1999 (19MB).

THE MEAN SW SEA TEMPERATURE IS ALSO A NEW HIGHEST FOR ANY MAY SO FAR (RECORDS BACK TO 1986).

THE SPRING AS A WHOLE WAS THE DRIEST SINCE 2022.

THE MEAN MAXIMUM TEMPERATURE WAS A NEW RECORD HIGHEST FOR ANY SPRING SO FAR & AND THE NUMBER OF DAYS WITH RAIN THIS SPRING WAS THE SAME AS IN 2020 (39 DAYS).

ACCORDING TO OFFICIAL METEOROLOGICAL OFFICE STATISTICS THE SPRING (MARCH/APRIL/MAY) OF 2025 HAS BEEN THE WARMEST EVER RECORDED IN THE UK.

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