

STITHIANS WEATHER SUMMARY

MAY 2023

HIGHEST MAXIMUM TEMPERATURE	22.1C (28TH)
HIGHEST MINIMUM TEMPERATURE	12.5C (08TH)
LOWEST MAXIMUM TEMPERATURE	13.4C (04TH)
LOWEST MINIMUM TEMPERATURE	03.3C (27TH)
MEAN MAXIMUM TEMPERATURE	17.5C (10YR) 15.3C (35YR) 14.9C
MEAN MINIMUM TEMPERATURE	08.0C (10YR) 07.0C (35YR) 07.1C
MEAN TEMPERATURE FOR MONTH	12.7C (10YR) 11.1C (35YR) 11.0C
MAX DAILY TEMPERATURE RANGE	18.3C (28TH)
MEAN DAILY TEMPERATURE RANGE	09.5C
TOTAL RAINFALL FOR THE MONTH	60.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	78.0 MM
TOTAL RAINFALL (35 YRS LONG TERM AV)	71.0 MM
MAXIMUM RAINFALL IN 24 HOURS	19.5 MM (08TH)
RAIN DAYS (0.2MM OR MORE)	06
WET DAYS (1.0MM OR MORE)	05
DAYS WITH RAIN INCLUDED	09
DAYS WITH HAIL	00
DAYS WITH THUNDER	01
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00
MAXIMUM ATMOSPHERIC PRESSURE	1030.0 MB (17TH)

MINIMUM ATMOSPHERIC PRESSURE	1007.0 MB (04TH)
MEAN ATMOSPHERIC PRESSURE	1022.0 MB (36YR MEAN) 1016.5 MB
MEAN SW SEA TEMP (MAY 1986-2022 AV)	11.6C
10YR RUNNING MEAN SW SEA TEMP	11.9C
MEAN SW SEA TEMP MAY 2023:	12.9C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A HIGH (1024MB) EXTENDED A RIDGE TO AND OVER THE UK.

ON THE 02ND THE HIGH (1030MB) HAD MOVED TO THE WESTERN NORTH SEA WHILST MAINTAINING THE HIGH PRESSURE RIDGE.

BY THE 3RD THE HIGH (1032MB) HAD MOVED TO HOLLAND AND EXTENDED A RIDGE TO AND OVER THE UK WHILE THE BRISK E/SE AIRSTREAM INCREASED.

ON THE 4TH A LOW (1005MB) ISLES OF SCILLY AND AN OCCLUSION SPREAD UP ACROSS THE REGION.

BY THE 5TH THE LOW (1004MB) HAD MOVED TO NORTHERN IRELAND AS A SHOWERY SW AIRSTREAM SPREAD IN.

ON THE 6TH A SMALL LOW (1008MB) OVER WEST CORNWALL MOVED UP ACROSS THE REGION.

THE 7TH SAW A WEAK RIDGE OF HIGH PRESSURE.

ON THE 8TH A FRONTAL SYSTEM MOVED IN FROM THE SW BEFORE THE COLD FRONT CLEARED IN THE EARLY EVENING.

ON THE 9TH A FURTHER COLD FRONT AND TWO SHOWER TROUGHS MOVED IN, WITH A CLEARANCE IN THE LATE AFTERNOON.

THE 10TH SAW A SHOWERY WESTERLY AIRSTREAM AS A LOW (1001MB) WEST OF THE WESTERN ISLES PERSISTED.

BY THE 11TH THE LOW (1010MB) HAD MOVED TO NORTHERN IRELAND AND A SHOWER TROUGH CLEARED DURING THE MORNING.

ON THE 12TH A HIGH (1031MB) AT 46N/20W LINKED TO A HIGH (1032MB) OVER THE WESTERN ISLES.

ON THE 13TH THE HIGH (1029MB) HAD MOVED TO THE EAST OF SCOTLAND AND LINKED WITH A HIGH (1032MB) AT 45N/47W.

ON THE 14TH A RIDGE OF HIGH PRESSURE PERSISTED BEFORE A WEAK COLD FRONT CLEARED EASTWARDS DURING THE EVENING.

ON THE 5TH THE HIGH (1031MB) AT 50N/14W PUSHED A RIDGE TO AND OVER THE UK AND IRELAND.

BY THE 16TH THE HIGH (1030MB) WAS SW OF KERRY AND THE RIDGE OVER THE UK AND IRELAND CONTINUED. THERE WAS LITTLE CHANGE ON 17TH.

BY THE 18TH THE HIGH (1031MB) HAD MOVED TO HOLLAND WHILST MAINTAINING THE RIDGE OVER THE UK TO A HIGH (1037MB) AT 42N/26W (NORTH OF AZORES).

ON THE 19TH A HIGH (1038MB) NORTH OF THE AZORES WAS LINKED BY A RIDGE (VIA UK AND IRELAND) TO A HIGH (1033MB) BALTIC SEA. A WEAK COLD FRONT OVER THE ISLES OF SCILLY DIED OUT.

ON THE 20TH THE HIGH (1038MB) AT 45N/45W (& AZORES) LINKED (VIA A RIDGE UK AND IRELAND) TO A HIGH (1033MB) BALTIC SEA AND ON THE 21ST THERE WAS LITTLE CHANGE.

ON THE 22ND A WEAK COLD FRONT NE SCOTLAND TO KERRY AND SOUTHWESTWARDS DIED OUT AS THE BELT OF HIGH PRESSURE CONTINUED RIGHT ACROSS THE UK AND IRELAND.

ON THE 23RD THE HIGH (1037MB) AT 47.5N/26W CONTINUED TO PUSH A STRONG RIDGE TO AND OVER THE UK.

THIS SITUATION PERSISTED ON THE 24TH, 25TH, 26TH AND 27TH.

ON THE 8TH THE HIGH (1031MB) WITH A RIDGE TO AND OVER THE UK AND IRELAND AND A WEAK COLD FRONT MID-NORTH SEA TO WATERFORD BEFORE THIS DIED OUT AND BROKE UP.

ON THE 29TH, 30TH AND 31ST THE HIGH (1035MB) DOMINATED THE WEATHER OVER THE UK, IRELAND AND NORTHERN FRANCE.

THE MAIN ATLANTIC JET STREAM TO THE SOUTHWEST OF THE UK AT THE START OF THE MONTH SLOWLY TRANSFERRED TO THE WEST BY MID MONTH BEFORE MOVING TO THE NORTHWEST DURING THE FINAL 10 DAYS.

APART FROM A FEW WETTER DAYS AT THE BEGINNING OF MAY, THEREAFTER THE MONTH WAS DRY AND OFTEN WARM WITH PLENTY OF SUNSHINE ON OFFER AS DOMINATING HIGH PRESSURE BECAME WELL ESTABLISHED.

THE WETTEST DAYS WERE THE 8TH WITH 19.5MM AND THE 9TH WITH 18.9MM.

THUNDER WAS ALSO RECORDED ON THE 9TH AT 1130 GMT AND 1200 GMT AROUND ONE MILE TO THE SW OF HERE.

THE PREDOMINANT WIND DIRECTION WAS NORTHWESTERLY, FOLLOWED BY EASTERLY AND THE MAXIMUM WIND GUST FOR THE MONTH WAS 19KT (22 MPH) ON THE 3RD.

IT WAS THE DRIEST MAY HERE SINCE 2021 AND THE MONTH SAW THE LOWEST NUMBER OF DAYS WITH RAIN IN ANY MAY SINCE 2001.

THE MEAN MAX TEMPERATURE IS A NEW ALL TIME RECORD FOR ANY MAY RECORDED HERE.

THE LOWEST MAX TEMPERATURE IS THE 'HIGHEST' FOR ANY MAY RECORDED SO FAR.

THE MEAN TEMPERATURE WAS THE SAME AS IN MAY 2022 AND THE MONTH SAW THE HIGHEST MEAN MONTHLY PRESSURE IN ANY MAY SINCE 1991.

THE SPRING AS A WHOLE WAS THE WETTEST SINCE 2018 AND THE MEAN MIN TEMPERATURE AND THE MEAN TEMPERATURE WERE BOTH NEW RECORD HIGH VALUES.

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