

STITHIANS WEATHER SUMMARY

NOVEMBER 2023

HIGHEST MAXIMUM TEMPERATURE	14.0C (18TH)
HIGHEST MINIMUM TEMPERATURE	11.9C (19TH)
LOWEST MAXIMUM TEMPERATURE	02.8C (30TH)
LOWEST MINIMUM TEMPERATURE	00.5C (28TH & 30TH)
MEAN MAXIMUM TEMPERATURE	11.2C (10YR) 11.1C (35YR) 10.7C
MEAN MINIMUM TEMPERATURE	07.5C (10YR) 06.3C (35YR) 05.8C
MEAN TEMPERATURE FOR MONTH	09.3C (10YR) 08.7C (35YR) 08.2C
MAX DAILY TEMPERATURE RANGE	08.7C (25TH)
MEAN DAILY TEMPERATURE RANGE	05.8C
TOTAL RAINFALL FOR THE MONTH	244.8 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	174.0 MM
TOTAL RAINFALL (35 YRS LONG TERM AV)	167.0 MM
MAXIMUM RAINFALL IN 24 HOURS	39.5 MM (01ST)
RAIN DAYS (0.2MM OR MORE)	27
WET DAYS (1.0MM OR MORE)	25
DAYS WITH RAIN INCLUDED	30
DAYS WITH HAIL	02
DAYS WITH THUNDER	01
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 01
AIR FROSTS (-00.1C OR BELOW)	00

MAXIMUM ATMOSPHERIC PRESSURE	1033.0 MB (22ND)
MINIMUM ATMOSPHERIC PRESSURE	954.0 MB (02ND)
MEAN ATMOSPHERIC PRESSURE	1005.4 MB (36YR MEAN) 1013.7 MB
MEAN SW SEA TEMP	
(NOVEMBER 1986-2022 AV)	13.1C
10YR RUNNING MEAN SW SEA TEMP	13.2C
MEAN SW SEA TEMP NOVEMBER 2023:	13.0C

NOTES

SYNOPTIC SITUATION: ON THE 1ST STORM 'CIARAN' (981MB) WAS DEEPENING AND DEVELOPING AT 47N/23W (SWAPPS) AT 0600 GMT BY 1200 GMT IT WAS 972MB AT 47.5N/17W, AT 1800 GMT IT WAS 960MB AT 49N/11W.

ON THE 2ND STORM 'CIARAN' WAS CENTRED OVER THE ISLE OF WIGHT (953MB) AT 0600 GMT AND AT 1200 GMT IT WAS 956MB OVER NORFOLK. AT 1800 GMT IT WAS 957MB OVER THE SOUTHERN NORTH SEA. A SHOWERY NW AIRSTREAM FOLLOWED THIS STORM.

BY THE 3RD A SHOWERY NORTHWESTERLY WAS CONTINUING AND ON THE 4TH A LOW (960MB) WAS CENTRED SOUTH OF KERRY PRODUCING A SHOWERY SOUTHWESTERLY AIRFLOW.

ON THE 5TH A SHOWERY WESTERLY PREVAILED. THERE WAS LITTLE CHANGE ON THE 6TH.

ON THE 7TH THERE WAS A SHOWERY SOUTHWESTERLY BEFORE A WEAK RIDGE OF HIGH PRESSURE GRADUALLY SPREAD IN.

THE 8TH SAW AN ACTIVE COLD FRONT CLEARING EARLY MORNING.

ON THE 9TH THERE WAS A SHOWERY SOUTHWESTERLY AND ON THE 10TH A SHOWERY WNW AIRSTREAM PREVAILED AS A LOW (991MB) DOVER MOVED AWAY.

ON THE 11TH A WEAK RIDGE COLLAPSED AS AN ACTIVE FRONTAL SYSTEM ARRIVED FROM THE SOUTHWEST.

ON THE 12TH, TWO OCCLUSIONS CLEARED EARLY LEAVING A SOUTHWESTERLY AIRSTREAM IN THEIR WAKE. AT 1800 GMT A LOW (987MB) (STORM 'DEBI') WAS CENTRED AT 48N/19W.

BY THE 13TH THE LOW (974MB) (STORM 'DEBI') HAD CROSSED IRELAND AND HAD MOVED TO SOUTHERN SCOTLAND WHILST MAINTAINING A VERY BRISK SOUTHWESTERLY AIRSTREAM OVER IRELAND, WALES AND ENGLAND.

ON THE 14TH A COLD FRONT CLEARED EARLY, BEING FOLLOWED BY A MODERATE TO FRESH WESTERLY AIRSTREAM.

THE 15TH SAW A RIDGE OF HIGH PRESSURE, BEFORE THIS COLLAPSED AS AN ACTIVE WARM FRONT ARRIVED FROM THE SW LATE EVENING. THIS CLEARED OVERNIGHT TO BE FOLLOWED BY A WEAK RIDGE ON THE 16TH.

THE RIDGE BUILT FURTHER FOR A WHILE ON THE 17TH BEFORE A FRONTAL SYSTEM MOVED IN DURING THE EVENING.

ON THE 18TH THE COLD FRONT FINALLY CLEARED DURING THE EVENING TO BE FOLLOWED BY A SHOWERY SW AIRSTREAM ON THE 19TH.

THE 20TH SAW A LOW (1006MB) DOVER AND TWO OCCLUSIONS AFFECTING SW ENGLAND CLEARING IN THE EVENING.

ON THE 21ST A HIGH (1037MB) AT 46N/19W EXTENDED A RIDGE TO AND OVER THE UK AND IRELAND.

ON THE 22ND THE HIGH (1037MB) AT 47.5N/15W AND IT'S RIDGE PERSISTED.

THE 23RD SAW A NW AIRSTREAM AND A WARM SECTOR PERSISTING.

ON THE 24TH A WEAK COLD FRONT MOVED THROUGH FROM THE NORTH AS A NW/N AIRSTREAM ARRIVED.

THE 25TH SAW A HIGH (1023MB) N BRITTANY EXTENDING A RIDGE NORTHWARDS TO SHETLAND.

THE 26TH SAW THE RIDGE COLLAPSING AS A FRONTAL SYSTEM MOVED UP FROM THE SW.

ON THE 27TH A SMALL LOW (1004MB) MOVED EASTWARDS INTO HOLLAND WITH A SHOWERY NORTHWESTERLY MOVING IN BEHIND IT.

THE 28TH SAW A SLACK AND SLIGHTLY SHOWERY NW AIRSTREAM.

ON THE 29TH A SLACK AREA OF LOW PRESSURE COVERED THE UK.

THE 30TH SAW A LOW (992MB) JUST SOUTH OF CORNWALL PUSH AN OCCLUSION UP INTO THE ENGLISH CHANNEL.

THE MAIN ATLANTIC JET STREAM WAS MOSTLY TO THE SOUTHWEST OF, OR OVER THE UK WITH THE HIGHEST SPEEDS BEING DURING THE FIRST FOUR DAYS OF THE MONTH.

NOVEMBER WAS VERY CHANGEABLE, MILD AND WET WITH RAIN RECORDED ON ALL DAYS OF THE MONTH.

HAIL OCCURRED ON THE 2ND AT 1250 GMT AND 1457 GMT AS WELL AS THUNDER TO THE SOUTHWEST AT 1457 GMT.

ON THE 30TH DURING THE EARLY HOURS AND IN THE MORNING THERE WAS SNOWFALL WHICH GAVE A MAXIMUM LEVEL DEPTH OF 2.5CM.

THE LOWEST MAXIMUM TEMPERATURE WAS THE LOWEST IN ANY NOVEMBER SINCE 2010 AND IT WAS ALSO THE FIRST NOVEMBER SINCE 2010 THAT SNOW WAS RECORDED.

IT WAS THE SECOND NOVEMBER IN A ROW WITH NO AIR FROSTS RECORDED.

THE 2ND SAW THE PROBABLE LOWEST RECORDED AIR PRESSURE IN CORNWALL SINCE 25TH FEBRUARY, 1989.

THE PREDOMINANT WIND DIRECTION WAS NORTHWESTERLY, FOLLOWED BY SOUTHWESTERLY.

THE MAXIMUM RECORDED WIND GUST FOR THE MONTH WAS 30KT (34 MPH) AT 0619 GMT ON THE 2ND.

THE AUTUMN AS A WHOLE WAS AGAIN THE WARMEST ON RECORD HERE (ALL MEAN TEMPERATURES). THIS IS THE SECOND YEAR IN A ROW THAT THIS HAS HAPPENED!

ALTHOUGH WET, IT WAS A DRIER AUTUMN THAN IN 2022.

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