

STITHIANS WEATHER SUMMARY

NOVEMBER 2024

HIGHEST MAXIMUM TEMPERATURE	15.8C (10TH)
HIGHEST MINIMUM TEMPERATURE	12.6C (06TH)
LOWEST MAXIMUM TEMPERATURE	04.0C (21ST)
LOWEST MINIMUM TEMPERATURE	-00.5C (12TH)
MEAN MAXIMUM TEMPERATURE	11.9C (10YR) 11.2C (36YR) 10.7C
MEAN MINIMUM TEMPERATURE	07.0C (10YR) 06.5C (36YR) 05.9C
MEAN TEMPERATURE FOR MONTH	09.4C (10YR) 08.8C (36YR) 08.3C
MAX DAILY TEMPERATURE RANGE	12.3C (14TH)
MEAN DAILY TEMPERATURE RANGE	04.8C
TOTAL RAINFALL FOR THE MONTH	176.5 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	186.1 MM
TOTAL RAINFALL (36 YRS LONG TERM AV)	169.1 MM
MAXIMUM RAINFALL IN 24 HOURS	47.8 MM (23RD)
RAIN DAYS (0.2MM OR MORE)	21
WET DAYS (1.0MM OR MORE)	16
DAYS WITH RAIN INCLUDED	25
DAYS WITH HAIL	02
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 01 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	02

MAXIMUM ATMOSPHERIC PRESSURE	1037.0 MB (11TH)
MINIMUM ATMOSPHERIC PRESSURE	987.0 MB (24TH)
MEAN ATMOSPHERIC PRESSURE	1018.1 MB (37YR MEAN) 1013.5 MB
MEAN SW SEA TEMP	
NOVEMBER 1986-2023 AV)	13.1C
10YR RUNNING MEAN SW SEA TEMP	13.1C
MEAN SW SEA TEMP NOVEMBER 2024:	14.0C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A HIGH (1027MB) OVER THE BALKANS DOMINATED THE WEATHER OVER UK AND IRELAND.

ON THE 2ND THE HIGH (1034MB) MOVED TO NW DENMARK AS A RIDGE WAS MAINTAINED TO AND OVER UK AND IRELAND.

BY THE 3RD THE HIGH (1033MB) HAD MOVED TO S GERMANY AS THE BLOCKING RIDGE PERSISTED OVER UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 4TH AND 5TH.

THE 6TH SAW A NEW HIGH (1032MB) FORM OVER SE NORFOLK AS A RIDGE PERSISTED OVER SW ENGLAND.

THE 7TH SAW A HIGH (1036MB) N GERMANY LINKED TO HIGH (1035MB) SW NORWAY EXTENDING A RIDGE TO AND OVER UK, IRELAND AND FRANCE.

ON THE 8TH A WEAKENING RIDGE CONTINUED AS A HIGH (1037MB) PERSISTED OVER N GERMANY.

THE 9TH SAW A WEAK RIDGE AS A MOIST SE AIRSTREAM CONTINUED AND A WEAK OCCLUSION EDGED IN DURING THE EVENING.

ON THE 10TH PRESSURE ROSE AS A MOIST AND VERY MILD SE AIRSTREAM PERSISTED.

BY THE 11TH A NEW HIGH (1039MB) HAD FORMED OVER MID IRELAND WHICH DOMINATED THE WEATHER OVER THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 2TH.

BY THE 13TH THE HIGH (1041MB) HAD MOVED TO THE WEST OF IRELAND WHILE A RIDGE WAS MAINTAINED OVER IRELAND, THE UK AND WESTERN EUROPE.

THERE WAS LITTLE CHANGE ON THE 14TH AND 15TH AS THE HIGH (1037MB DECLINING TO 1032MB) MOVED INTO THE MIDATLANTIC AND THE WEAKENING RIDGE WAS MAINTAINED.

THE 16TH SAW PRESSURE DECLINING AS A COLD FRONT MOVED SE DURING THE EVENING, CLEARING AROUND MIDNIGHT.

THE 17TH SAW A SLIGHTLY SHOWERY NW AIRSTREAM.

ON THE 18TH A WARM FRONT MOVED UP FROM THE SW AS A LOW (1001MB) FORMED OVER SE IRELAND. THIS MOVED EASTWARDS AND DEEPENED OVERNIGHT.

ON THE 19TH THE LOW (989MB) HOLLAND MOVED AWAY EASTWARDS AS AN OCCLUSION OVER SOUTHERN ENGLAND AND SOUTHERN IRELAND CLEARED AFTERNOON.

THE 20TH SAW A SLIGHTLY SHOWERY NW AIRSTREAM BEFORE A LOW (1002MB) FORMED TO THE SW OF IRELAND.

THE 21ST SAW THE LOW VERY QUICKLY DEEPEN TO BECOME 980MB OVER NORTHERN BRITTANY AT 1200 GMT.

ON THE 22ND THERE WAS A WEAK RIDGE (FROM A HIGH 1021MB NE SPAIN). A LOW (983MB) STORM 'BERT' WAS DEVELOPING AT 50N/30W. AT 1800 GMT IT WAS 972MB AT 52N/25W. ON 23RD THE LOW (949MB) (STORM 'BERT') WAS AT 55N/20W AT 0600 GMT, AT 1200 GMT IT WAS 940MB AT 56N/19W, AT 1800 GMT IT WAS 941MB AT 56N/19W.

ON THE 24TH STORM 'BERT' PERSISTED (948MB) AT 55N/16W AT 0600 GMT, BY 1200 GMT IT WAS 952MB AT 56.5N/12W WHILST AN ACTIVE COLD FRONT WAS SLOW MOVING FROM NE ENGLAND TO CORNWALL AND SSW BEFORE CLEARING EARLY EVENING.

THE 25TH SAW THE LOW (969MB) OVER NE SCOTLAND AS A SHOWERY W/NW AIRSTREAM COVERED ALL AREAS.

ON THE 26TH THERE WAS A WEAK RIDGE BEFORE A FRONTAL SYSTEM MOVED UP FROM THE SW DURING THE EVENING, BEFORE CLEARING LATER.

THE 27TH SAW A WEAK RIDGE (FROM A HIGH 1020MB AT 59N/11W) AS THE LOW (1000MB) MOVED EASTWARDS INTO HOLLAND BY 1200 GMT.

ON THE 28TH A WARM FRONT EDGED UP FROM THE SW DURING THE DAY. A HIGH (1029MB) PERSISTED OVER LONDON.

THE 29TH SAW A WARM SECTOR PERSIST AND THERE WAS LITTLE CHANGE ON THE 30TH.

THE MAIN ATLANTIC JET STREAM WAS TO THE NW OF THE BRITISH ISLES FROM THE 1ST TO THE 18TH, THEREAFTER BEING MOSTLY EITHER OVER, OR TO THE SW OF THE UK.

NOVEMBER TURNED OUT TO BE ANOTHER UNSETTLED MONTH WITH ABOVE AVERAGE TEMPERATURES AND WITH TOTAL RAINFALL BEING ABOVE THE LONG TERM AVERAGE AND SLIGHTLY BELOW THE 10 YEAR RUNNING AVERAGE FOR THE MONTH.

THE FIRST HALF SAW ONLY SMALL AMOUNTS OF RAINFALL BUT THE SECOND HALF WAS MUCH WETTER. THE WETTEST DAYS WERE THE 18TH WITH 15.8MM, THE 20TH WITH 26.4MM, THE 23RD WITH 47.8MM, THE 24TH WITH 13.5MM, THE 26TH WITH 16.3MM AND THE 30TH WITH 12.6MM.

HAIL WAS RECORDED AT 1125 GMT ON THE 20TH AND AT 0800 GMT ON THE 22ND.

THE 21ST ALSO SAW SOME SLEET OCCURRING DURING THE LATE-MORNING.

THE HIGHEST MAX. TEMPERATURE IS A NEW RECORD HIGH FOR ANY NOVEMBER HERE.

THE MAIN WIND DIRECTION FOR THE MONTH WAS SOUTHEASTERLY.

THE MAXIMUM (MEASURED) WIND GUST WAS 18KT (20 MPH) ON THE 24TH.

THE MEAN SW SEA TEMPERATURE WAS THE HIGHEST IN ANY NOVEMBER SINCE 2006.

THE AUTUMN AS A WHOLE WAS THE DRIEST SINCE 2021 AND THE MEAN TEMPERATURE WAS THE COOLEST SINCE 2020.

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