

# STITHIANS WEATHER SUMMARY

## NOVEMBER 2022

HIGHEST MAXIMUM TEMPERATURE	15.6C (11th)
HIGHEST MINIMUM TEMPERATURE	13.3C (11th)
LOWEST MAXIMUM TEMPERATURE	09.3C (19TH)
LOWEST MINIMUM TEMPERATURE	00.6C (29TH)
MEAN MAXIMUM TEMPERATURE	12.3C (10YR) 10.9C (34YR) 10.7C
MEAN MINIMUM TEMPERATURE	08.3C (10YR) 06.0C (34YR) 05.7C
MEAN TEMPERATURE FOR MONTH	10.3C (10YR) 08.4C (34YR) 08.2C
MAX DAILY TEMPERATURE RANGE	10.0C (29TH)
MEAN DAILY TEMPERATURE RANGE	04.0C
TOTAL RAINFALL FOR THE MONTH	291.4 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	168.0 MM
TOTAL RAINFALL (34 YRS LONG TERM AV)	163.3 MM
MAXIMUM RAINFALL IN 24 HOURS	36.3 MM (26TH)
RAIN DAYS (0.2MM OR MORE)	26
WET DAYS (1.0MM OR MORE)	23
DAYS WITH RAIN INCLUDED	27
DAYS WITH HAIL	01
DAYS WITH THUNDER	01
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00
MAXIMUM ATMOSPHERIC PRESSURE	1026.0 MB (30TH)

MINIMUM ATMOSPHERIC PRESSURE	979.0 MB (16TH)
MEAN ATMOSPHERIC PRESSURE	1006.8 MB (34YR MEAN) 1013.9 MB
MEAN SW SEA TEMP (NOVEMBER 1986-2021 AV)	13.0C
10YR RUNNING MEAN SW SEA TEMP	13.1C
MEAN SW SEA TEMP NOVEMBER 2022:	13.7C

### **NOTES**

SYNOPTIC SITUATION: ON THE 1ST STORM 'CLAUDIO' WAS NE OF NEWCASTLE (991MB) AT 0600 GMT BRINGING A BREEZY AND SHOWERY SW AIRSTREAM IN IT'S WAKE.

ON THE 2ND A LOW (981MB) PUSHED A FRONTAL SYSTEM IN WITH THE WAVING COLD FRONT CLEARING OVERNIGHT.

ON THE 3RD A COOL SHOWERY SW AIRSTREAM PREVAILED WITH AN ACTIVE SHOWER TROUGH TRANSITTING AROUND MIDNIGHT.

ON THE 4TH THERE WAS A RIDGE OF HIGH PRESSURE.

ON THE 5TH A FRONTAL SYSTEM ARRIVED FROM THE SW BEFORE THE COLD FRONT CLEARED EARLY IN THE EVENING. THE 5TH SAW SHOWER TROUGHS MOVING THROUGH IN A BRISK SW AIRSTREAM.

ON THE 6TH A LOW (977MB) AT 54N/21W PUSHED A FRONTAL SYSTEM ACROSS IRELAND, BRINGING A WARM SECTOR TO ENGLAND BEFORE THE ACTIVE COLD FRONT CLEARED IN THE LATE EVENING.

THE 8TH SAW A RETURN TO A SHOWERY SW AIRSTREAM WHICH CONTINUED ON THE 9TH.

ON THE 10TH A BROAD WARM SECTOR COVERED THE UK AND IRELAND AS THE VERY MILD AND MOIST SW AIRSTREAM PERSISTED.

BY THE 11TH A HIGH (1036MB) NE ITALY HAD A RIDGE TO FRANCE, BISCAY, SPAIN AND PORTUGAL AS A BROAD WARM SECTOR CONTINUED

TO COVER THE UK AND IRELAND WITH THE SW AIRSTREAM CONTINUING. THIS SITUATION CONTINUED ON 12TH AND 13TH.

EARLY ON THE 14TH A COLD FRONT CLEARED FROM THE WEST AS A COOLER WESTERLY AIRMASS AND A COLD FRONT ARRIVED.

ON THE 15TH A SHOWER TROUGH CAME IN, FOLLOWED BY AN OVERNIGHT OCCLUSION.

ON THE 16TH A SHOWERY SW AIRSTREAM PERSISTED BEFORE A LOW (975MB) MOVED NORTHEASTWARDS UP THE ENGLISH CHANNEL.

THE 17TH SAW THE LOW (975MB) OVER EASTERN NORFOLK AS THE SHOWERY SW AIRSTREAM RETURNED. THE 17TH HAD THE SHOWERY WESTERLIES CONTINUING BEFORE A WEAK RIDGE ARRIVED FOR THE 18TH.

ON THE 19TH THE RIDGE MOVED AWAY AS A FRONTAL SYSTEM CAME IN FROM THE WEST.

THE 20TH SAW A SHOWERY WESTERLY AIRSTREAM AS A DOUBLE CENTERED LOW (989MB) WAS DEVELOPING IN THE SOUTHWEST APPROACHES.

ON THE 21ST A LOW (973MB) TO THE WEST OF GALWAY AND ANOTHER LOW (985MB) SOUTH OF WATERFORD PUSHED AN ACTIVE OCCLUSION ACROSS THE REGION.

ON THE 22ND A STRONG, SHOWERY WESTERLY AIRSTREAM COVERED THE UK WHICH CONTINUED ON THE 23RD AS WINDS BACKED MORE SOUTHWESTERLY.

ON THE 4TH A LOW (968MB) NW OF GALWAY PUSHED A COLD FRONT, THEN A SHOWER TROUGH ACROSS ALL AREAS.

THE 25TH SAW A SHOWERY SOUTHWESTERLY AIRSTREAM AND A WEAK RIDGE OF HIGH PRESSURE.

ON THE 26TH AN ACTIVE FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST.

THE 27TH SAW THE WAVING COLD FRONT CLEARING EARLY AFTERNOON BEFORE A SHOWERY WESTERLY AIRSTREAM RETURNED FOR THE 28TH.

THE 29TH SAW A HIGH (1027MB) OVER MADRID EXTEND A RIDGE TO AND OVER THE UK AND IRELAND.

ON THE 30TH A HIGH (1046MB) NORTHERN RUSSIA PUSHED A RIDGE TO THE UK AND EASTERN IRELAND. THIS THEN BECAME A BLOCKING FEATURE.

THE MAIN ATLANTIC JET STREAM WAS MOSTLY EITHER TO THE SOUTHWEST OR TO THE WEST OF THE UK THROUGHOUT THE MONTH.

NOVEMBER TURNED OUT TO BE THE SECOND WETTEST EVER RECORDED HERE AND WAS ALSO THE WARMEST HERE SINCE 2015.

THE HIGHEST MAX TEMP WAS THE HIGHEST IN ANY NOVEMBER SINCE 2009 AND IT WAS THE FIRST ONE SINCE 2002 TO HAVE NO AIR FROSTS RECORDED.

IT WAS CHANGEABLE, OFTEN CLOUDY AND SOMETIMES WINDY.

RAIN WAS CONSTANT AND OCCASIONALLY HEAVY WITH THE MOST NOTABLE FALLS IN 24HRS BEING 21.4MM ON THE 2ND, 10.9MM ON THE 3RD, 10.1MM ON THE 5TH, 16.8MM ON THE 6TH, 12.7MM ON THE 8TH, 22.2MM ON THE 14TH, 11.9MM ON THE 15TH, 18.1MM ON THE 16TH, 14.9MM ON THE 17TH, 28.1MM ON THE 20TH, 12.0MM ON THE 21ST, 23.8MM ON THE 22ND AND 36.3MM ON THE 26TH.

HAIL WAS RECORDED DURING A THUNDERSTORM IN THE EARLY AFTERNOON OF THE 1ST.

EARLY ON THE 1ST IN CORNWALL POWER OUTAGES OCCURRED AND TREES WERE BROUGHT DOWN BY THE HIGH WINDS.

THIS ALSO RECURRED OVER DEVON AND CORNWALL ON THE 7TH.

THERE WAS SOME FLOODING IN FALMOUTH DURING THE EVENING OF THE 2ND.

THE MAXIMUM (ESTIMATED) WIND GUST HERE WAS 37KT (42 MPH) DURING MID MORNING OF THE 22<sup>ND</sup>.

THE PREDOMINANT WIND DIRECTION WAS SOUTHWESTERLY.

THE AUTUMN AS A WHOLE WAS THE WETTEST SINCE 2019. THE MEAN MAX TEMP WAS A NEW RECORDED HIGHEST, THE MEAN MIN TEMP WAS

THE HIGHEST SINCE 2011 AND THE MEAN TEMPERATURE WAS EQUAL HIGHEST WITH 2011.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: [stithiansweather.co.uk](http://stithiansweather.co.uk)

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