

# STITHIANS WEATHER SUMMARY

## NOVEMBER 2020

HIGHEST MAXIMUM TEMPERATURE	15.1C (01st)
HIGHEST MINIMUM TEMPERATURE	12.8C (09th)
LOWEST MAXIMUM TEMPERATURE	09.1C (26th)
LOWEST MINIMUM TEMPERATURE	-02.2C (27th)
MEAN MAXIMUM TEMPERATURE	11.9C (10YR) 10.8C (32YR) 10.6C
MEAN MINIMUM TEMPERATURE	06.8C (10YR) 05.8C (32YR) 05.7C
MEAN TEMPERATURE FOR MONTH	09.3C (10YR) 08.3C (32YR) 08.1C
MAX DAILY TEMPERATURE RANGE	12.7C (05th)
MEAN DAILY TEMPERATURE RANGE	05.0C
TOTAL RAINFALL FOR THE MONTH	112.3 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	177.4 MM
TOTAL RAINFALL (32 YRS LONG TERM AV)	167.8 MM
MAXIMUM RAINFALL IN 24 HOURS	12.6 MM (02nd)
RAIN DAYS (0.2MM OR MORE)	22
WET DAYS (1.0MM OR MORE)	22
DAYS WITH RAIN INCLUDED	27
DAYS WITH HAIL	01
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	03

MAXIMUM ATMOSPHERIC PRESSURE	1029.0 MB (11th)
MINIMUM ATMOSPHERIC PRESSURE	983.0 MB (02nd)
MEAN ATMOSPHERIC PRESSURE	1008.4 MB (32YR MEAN) 1013.6 MB
MEAN SW SEA TEMP (NOV 1986-2019 AV)	13.0C
10YR RUNNING MEAN SW SEA TEMP	(NOV 2010-2019) 13.1C
MEAN SW SEA TEMP NOVEMBER 2020:	12.9C

### **NOTES**

SYNOPTIC SITUATION: ON THE 1ST A RETURNING WARM FRONT AFFECTED THE REGION (FROM LOW 987MB AT 51N/13W) BEFORE THE COLD FRONT CLEARED EASTWARDS OVERNIGHT.

ON THE 2ND A SHOWERY SW AIRSTREAM PREVAILED WHICH CONTINUED ON THE 3RD AS WINDS VEERED WESTERLY AND PRESSURE ROSE.

BY THE 4TH A HIGH (1045MB) AT 47N/26W HAD EXTENDED A RIDGE OVER THE UK.

ON THE 5TH A HIGH (1040MB) HAD FORMED WATERFORD WHICH LINKED TO A HIGH (1039MB) OVER NE FRANCE.

BY THE 6TH THE HIGH (1038MB) HAD MOVED TO W GERMANY WHILST MAINTAINING A (DECLINING) RIDGE OVER THE UK. A LOW (1002MB) WAS JUST WEST OF PORTUGAL.

ON THE 7TH THE LOW (999MB) NW OF SANTANDER MOVED NORTHWARDS AS IT'S COLD FRONT EDGED UP FROM THE SOUTH WHICH CLEARED OVERNIGHT.

ON THE 8TH THERE WAS A MILD AND MOIST ESE AIRSTREAM AS A LOW (1004MB) PERSISTED AT 50N/12W.

BY THE 9TH THE LOW (1010MB) HAD MOVED TO VALENTIA, SW IRELAND AS IT'S SHOWER TROUGH AND OCCLUSION AFFECTED THE REGION.

ON THE 10TH A RIDGE OF HIGH PRESSURE PREVAILED.

THE 11TH SAW A FRESH MILD S-SE AIRSTREAM AS A WAVING COLD FRONT GRADUALLY MOVED EASTWARDS, CLEARING IN THE EVENING.

ON THE 2TH THERE WAS A HIGH PRESSURE RIDGE BEFORE A COLD FRONT CLEARED THROUGH OVERNIGHT.

A MILD SW AIRSTREAM ARRIVED ON THE 13TH BEFORE A WARM FRONT EDGED UP FROM THE SW IN THE EVENING.

BY THE 14TH THERE WAS A VERY MILD S AIRSTREAM BEFORE A COLD FRONT CLEARED OVERNIGHT.

THE 15TH SAW A STRONG SHOWERY SW FLOW AS A LOW (980MB) GALWAY MOVED NORTHEASTWARDS.

ON THE 16TH THERE WAS A WEAK RIDGE WHICH CONTINUED ON THE 17TH, TOGETHER WITH A MILD SW AIRSTREAM.

THE 18TH SAW A COLD FRONT CLEARING EASTWARDS BY MIDDAY AS PRESSURE ROSE AND A STRONG RIDGE GRADUALLY MOVED IN FOR 19TH. A STRONG WESTERLY BREEZE PERSISTED BEFORE DECREASING LATER.

BY THE 20TH THERE WAS A MOIST SW AIRSTREAM AND A LINGERING RIDGE (FROM A HIGH 1038MB SW BRITTANY) AND A WARM SECTOR PERSISTED.

THE 21ST SAW LITTLE CHANGE BEFORE A WEAK COLD FRONT CLEARED SOUTH EASTWARDS BY 0600HRS ON THE 22ND. A WEAK WARM FRONT ARRIVED FROM THE SW BY MIDDAY.

THE 23RD SAW A RIDGE AND A MOIST SW AIRSTREAM.

PRESSURE FELL ON THE 24TH AS A S/SE AIRSTREAM ARRIVED. THERE WAS A HIGH (1034MB) N ITALY WITH A RIDGE TO FRANCE AND A WAVING COLD FRONT W IRELAND TO WARM FRONT SCOTLAND. THE COLD FRONT CLEARED EASTWARDS OVERNIGHT, LEAVING A SLACK AREA OF LOW PRESSURE FOR 25TH.

THE 26TH SAW A RIDGE OF HIGH PRESSURE (FROM A HIGH 1031MB AZORES) AND ON THE 27TH THE WEAK WARM FRONT EDGED SLOWLY

NORTHWARDS (FROM THE N ENGLISH CHANNEL) INTRODUCING A E/SE AIRSTREAM FOR THE 28TH & 29TH AS A RIDGE OF HIGH PRESSURE BECAME ESTABLISHED.

ON THE 30TH THE RIDGE (FROM A HIGH 1032MB AT 50N/20W) PERSISTED FOR A WHILE BEFORE A FRONTAL SYSTEM ENCROACHED FROM THE NW. THE COLD FRONT CLEARED SOUTHEASTWARDS OVERNIGHT AS THE RIDGE RE-ESTABLISHED ITSELF.

THE MAIN ATLANTIC JETSTREAM GRADUALLY STRENGTHENED DURING THE MONTH. IT WAS TO THE NW OF THE BRITISH ISLES ON THE 6TH-8TH AND THE 29TH-30TH. IT WAS TO THE WEST FROM THE 9TH-12<sup>TH</sup> AND 14<sup>TH</sup>, THE 19TH, 23RD & 24TH & 26TH-28TH. IT WAS OVER THE UK FROM THE 1ST-5TH, 13TH, 16TH-18TH, 20TH-22ND AND 25<sup>TH</sup>. IT WAS TO THE SW ON THE 15TH.

NOVEMBER TURNED OUT TO BE DRIEST SINCE 2017 AND ALSO THE WARMEST SINCE 2015 (ALL MEAN TEMPS).

THE HIGHEST MAX. TEMP WAS THE 'HIGHEST' IN NOVEMBER HERE SINCE 2009 AND THE 'LOWEST MAX' TEMP WAS THE HIGHEST IN NOVEMBER HERE SINCE 2011.

RAINFALL AMOUNTS WERE FAIRLY STEADY THROUGHOUT THE MONTH WITH THE HEAVIEST FALLS BEING 12.6MM ON THE 02<sup>ND</sup> AND 10.1MM ON THE 07TH.

A SHOWER OF RAIN & 1MM DIA HAIL OCCURRED AT 1109Z ON THE 03RD.

THE MAXIMUM (ESTIMATED) WIND GUST FOR THE MONTH WAS 34KT (39 MPH) DURING THE LATE EVENING OF THE 1<sup>ST</sup>.

THE PREDOMINANT WIND DIRECTION AT 0900HRS WAS SOUTHWESTERLY, BEING CLOSELY FOLLOWED BY CALM.

THE AUTUMN AS A WHOLE WAS BOTH THE DRIEST AND THE WARMEST HERE SINCE 2017.

PLEASE NOTE THAT WE NOW HAVE A WEBSITE WHICH CAN BE FOUND AT:  
[www.stithiansweather.co.uk](http://www.stithiansweather.co.uk)

ALL READINGS TAKEN AND RECORDED BY PAUL RICHARDS AT 40 CRELLOW 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.