

STITHIANS WEATHER SUMMARY

NOVEMBER 2017

HIGHEST MAXIMUM TEMPERATURE	15.0C (03rd)
HIGHEST MINIMUM TEMPERATURE	13.4C (22nd)
LOWEST MAXIMUM TEMPERATURE	07.5C (30th)
LOWEST MINIMUM TEMPERATURE	-01.0C (18th)
MEAN MAXIMUM TEMPERATURE 10.6C	11.4C (10YR) 10.8C (29YR)
MEAN MINIMUM TEMPERATURE 05.7C	06.1C (10YR) 05.8C (29YR)
MEAN TEMPERATURE FOR MONTH 08.1C	08.7C (10YR) 08.3C (29YR)
MAX. DAILY TEMPERATURE RANGE	13.0C (18th)
MEAN DAILY TEMPERATURE RANGE	05.3C
TOTAL RAINFALL	85.7MM (10YR) 165.6MM (29YR) 164.7MM
MAXIMUM RAINFALL IN 24 HOURS	13.9MM (11th)
RAIN DAYS (0.2MM OR MORE)	22
WET DAYS (1.0MM OR MORE)	17
DAYS WITH RAIN INCLUDED	24
DAYS WITH HAIL	04
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	02
MAXIMUM ATMOSPHERIC PRESSURE	1029.0 MB (17th)

MINIMUM ATMOSPHERIC PRESSURE	986.0 MB (22nd)
MEAN ATMOSPHERIC PRESSURE 1014.1 MB	1017.6 MB (29YR MEAN)
MEAN SOUTHWEST SEA TEMPERATURE 13.1C	13.0C (NOV 1986-2016 AVE)
10YR RUNNING MEAN SW SEA TEMP	(NOV 2007-2016) 13.1C

NOTES

THE UPPER AIR CIRCULATION VARIED A LITTLE DURING THE MONTH, WITH THE MAIN JET STREAM BEING OVER THE UK ON 6TH, 9TH-13TH, 17TH, 18TH, 22-27TH, AND 30TH. OTHERWISE IT WAS TO THE WEST AND NORTHWEST AND TO THE NORTHEAST FROM 19TH-21ST INCLUSIVE. THE SYNOPTIC SITUATION WAS HIGHLY MOBILE AND CONSTANTLY CHANGING. ON 1ST A RIDGE PERSISTED OVER THE UK AND ON THE 2ND SLOWLY DECLINED. ON THE 3RD A STICKY SE AIRSTREAM COVERED THE REGION AS A WEAK WARM FRONT MOVED NORTHWARDS OVER WALES AND SOUTHERN IRELAND. A COLD FRONT OVERNIGHT CLEARED, BEING FOLLOWED BY A BRISK AND SHOWERY WEST TO NORTHWESTERLY AIRSTREAM ON 4TH & 5TH. ON 6TH A HIGH WEST OF PORTUGAL PUSHED A RIDGE TO & OVER UK AS AN EMBEDDED WEAK OCCLUSION CLEARED DURING THE AFTERNOON. ON 7TH A COLD FRONT MOVED AWAY DURING LATE MORNING BEING FOLLOWED BY A RIDGE ON 8TH & 9TH AS A COLD FRONT CLEARED DURING LATE AFTERNOON. ON 10TH ANOTHER COLD FRONT CLEARED EARLY MORNING BEING FOLLOWED BY A WEAK RIDGE. THIS COLLAPSED LATE IN THE DAY AS A FRONTAL SYSTEM ARRIVED. THIS PERSISTED ON 11TH THEN MOVED AWAY AS AN OCCLUSION BY 0600 GMT ON THE 12TH BY WHICH TIME A BRISK WEST TO NORTHWESTERLY AIRSTREAM HAD ARRIVED. THIS WAS REPLACED ON THE 13TH BY A RIDGE FROM A HIGH 1031MB SW OF THE ISLES OF SCILLY. THIS PERSISTED ON THE 14TH AS A MORE MOIST SW AIRSTREAM SPREAD IN. ON THE 15TH THE RIDGE SLOWLY DECLINED AS A WEAK OCCLUSION EDGED SOUTHWARDS AND LATER CLEARED. THE 16TH SAW A COLD FRONT MOVE AWAY SOUTHEASTWARDS DURING LATE AFTERNOON. A RIDGE THEN BUILT AND THIS PERSISTED ON 17TH & 18TH AS A WEAK WARM FRONT MOVED INTO THE REGION ON 19TH. A BROAD WARM SECTOR COVERED THE SOUTHWEST ON 20TH, 21ST & 22ND. THE HIGH PRESSURE MOVED

AWAY INTO SOUTHERN EUROPE. LATE ON THE 22ND A COLD FRONT CLEARED TO THE SOUTHEAST. THE 23RD SAW A SHOWERY WESTERLY BEFORE A SMALL LOW TO THE SW MOVED AWAY EASTWARDS OVERNIGHT. ON THE 24TH THERE WAS A SHOWERY NW AIRSTREAM WHICH PERSISTED ON THE 25TH & 26TH BEFORE A RIDGE ARRIVED LATER ON THE 26TH. THE 27TH SAW A COLD FRONT CLEARING SOUTHWARDS JUST PASSED MIDDAY THEN DURING THE EVENING AN OCCLUSION ALSO CLEARED FROM THE NORTH. ON THE 28TH A COLDER SHOWERY NW AIRSTREAM COVERED ALL AREAS WHICH PERSISTED ON 29TH & 30TH. DESPITE THE UNSETTLED NATURE OF THE MONTH IT TURNED OUT TO BE DRIER THAN NORMAL. WITH HALF OF THE NORMAL RAINFALL FOR NOVEMBER, IT EVENTUALLY TURNED OUT TO BE THE DRIEST NOVEMBER HERE SINCE 2004. IT WAS SLIGHTLY WARMER THAN AVERAGE AND THE 22ND WAS THE WARMEST NOVEMBER NIGHT EVER RECORDED HERE. HAIL OCCURRED ON 5TH AT 0620 GMT, THE 25TH AT 0913, 1412 & 1606 GMT, THE 28TH DURING MID-EVENING AND THE 30TH AT 1305 GMT, AS WELL AS LATE AFTERNOON & EARLY EVENING. THE PREDOMINANT WIND DIRECTION WAS WESTERLY, FOLLOWED BY NORTHWESTERY AND CALM. THE MAXIMUM (ESTIMATED) WIND GUST FOR THE MONTH WAS 34KT (39 MPH) DURING THE AFTERNOON OF THE 22ND. THE AUTUMN AS A WHOLE WAS THE DRIEST HERE SINCE 2015 AND THE WARMEST SINCE 2014.

ALL READINGS DONE BY PAUL RICHARDS AT 40 CRELOW FIELDS, STITHIANS. WE ARE A MET. OFFICE REGISTERED RAINFALL STATION (379547) THROUGH THE ENVIRONMENT AGENCY IN BODMIN. THE STATION HEIGHT IS 120M (396FT) ABOVE MSL. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVER'S NETWORK IN ESSEX AND WEEKLY DATA TO THE WEATHERNET ORGANISATION IN BOURNEMOUTH