

# STITHIANS WEATHER SUMMARY

## DECEMBER 2015

HIGHEST MAXIMUM TEMPERATURE	13.7C (28th)
HIGHEST MINIMUM TEMPERATURE	13.1C (19th)
LOWEST MAXIMUM TEMPERATURE	08.1C (24th)
LOWEST MINIMUM TEMPERATURE	03.8C (09th)
MEAN MAXIMUM TEMPERATURE	11.9C (10YR) 08.4C (27YR) 08.5C
MEAN MINIMUM TEMPERATURE	09.4C (10YR) 03.7C (27YR) 04.1C
MEAN TEMPERATURE FOR MONTH	10.6C (10YR) 06.0C (27YR) 06.3C
MAX. DAILY TEMPERATURE RANGE	08.4C (25th)
MEAN DAILY TEMPERATURE RANGE	02.5C
TOTAL RAINFAL:	206.1MM (10YR) 165.6MM (27YR) 166.2MM
MAXIMUM RAINFALL IN 24 HOURS	19.0MM (30th)
RAIN DAYS (0.2MM OR MORE)	28
WET DAYS (1.0MM OR MORE)	26
DAYS WITH RAIN INCLUDED	28
DAYS WITH HAIL	00
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT: 00 / SNW: 00
AIR FROSTS (-00.1C OR BELOW)	00
MAXIMUM ATMOSPHERIC PRESSURE	1032.0 MB (09th)
MINIMUM ATMOSPHERIC PRESSURE	1001.0 MB (19 <sup>th</sup> & 30th)
MEAN ATMOSPHERIC PRESSURE	1015.2 MB (27YR MEAN): 1016.0 MB
MEAN SOUTHWEST SEA TEMPERATURE	

11.7C (DEC 1988-2014 AVE)

11.4C

10YR RUNNING MEAN SW SEA

TEMPERATURE (DEC 2005-2014)

11.7C

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## NOTES

DECEMBER WAS ONE OF THE MOST UNUSUAL MONTHS EVER RECORDED HERE. APART FROM THE 2<sup>ND</sup>, WHEN IT WAS TO THE NORTHWEST AND THE 31<sup>ST</sup>, WHEN IT WAS POSITIONED TO THE EAST, THE ATLANTIC JET STREAM WAS STUBBORNLY STUCK OVER THE BRITISH ISLES.

APART FROM THE 9<sup>TH</sup>, WHEN AN ANTICYCLONE OF 1040MB OVER BORDEAUX, FRANCE PUSHED A RIDGE ACROSS SOUTHERN ENGLAND, THE MONTH WAS DOMINATED BY LOW PRESSURE AND FRONTAL SYSTEMS WHICH CONSTANTLY AFFECTED THE UNITED KINGDOM.

STORM 'DESMOND' ON THE 4<sup>TH</sup> MOVED FROM 58N/23W TO BE CENTRED JUST EAST OF ICELAND (943MB) ON 5<sup>TH</sup>.

ON THE 23<sup>RD</sup> STORM 'EVA' (985MB) WAS AT 50N/25W AND ON 29<sup>TH</sup>, A SO-CALLED 'WEATHER BOMB' – STORM 'FRANK' (961MB) AT 50N/25W MOVED RAPIDLY AND DEEPENED TO BE AROUND 930MB OVER ICELAND BY 30<sup>TH</sup>. (THIS IS ONE OF THE DEEPEST ATLANTIC LOWS EVER RECORDED - THE CENTRAL PRESSURE OF THIS IS MORE AKIN TO A 'HURRICANE!').

THE MONTH AS A WHOLE WAS VERY UNSETTLED, EXTREMELY MILD AND VERY WET. IT WAS ALSO A WINDY MONTH WITH THE MAXIMUM (ESTIMATED) WIND GUST BEING 44KT (50 MPH) DURING THE EARLY HOURS OF THE 30<sup>TH</sup>. THE PREDOMINANT WIND DIRECTION WAS AGAIN, WESTERLY.

FOR THE FIRST TIME IN ANY DECEMBER HERE SO FAR, THERE WERE NO AIR FROSTS! IT WAS BY FAR, THE WARMEST DECEMBER EVER RECORDED WITH ALL 'MEAN' TEMPERATURES, THE HIGHEST MAX, THE HIGHEST MIN, THE LOWEST MAX AND LOWEST MIN TEMPERATURES ALL BEING NEW 'HIGHEST' FOR ANY DECEMBER HERE.

THE MEAN DAILY TEMPERATURE RANGE (2.5C) IS THE LOWEST VALUE FOR THIS PARAMETER IN ANY MONTH SO FAR RECORDED! THE OVERALL MEAN TEMPERATURE WAS MORE LIKE OCTOBER THAN DECEMBER!

2015 AS A WHOLE SAW THE MEAN TEMPERATURE 0.5C LOWER COMPARED TO 2014  
AND IT WAS THE DRIEST YEAR HERE SINCE 2012.

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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 AT 120M (396FT)  
ABOVE M.S.L. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVER'S  
NETWORK IN ESSEX AND WEEKLY DATA TO THE WEATHERNET ORGANISATION IN  
BOURNEMOUTH.

