

STITHIANS WEATHER SUMMARY

AUGUST 2016

HIGHEST MAXIMUM TEMPERATURE	23.9C (23 rd)
HIGHEST MINIMUM TEMPERATURE	16.1C (07 th)
LOWEST MAXIMUM TEMPERATURE	16.5C (09 th)
LOWEST MINIMUM TEMPERATURE	05.9C (15 th)
MEAN MAXIMUM TEMPERATURE	19.4C (10YR) 18.7C (28YR) 18.9C
MEAN MINIMUM TEMPERATURE	12.5C (10YR) 11.8C (28YR) 11.7C
MEAN TEMPERATURE FOR MONTH	15.9C (10YR) 15.2C (28YR) 15.3C
MAX. DAILY TEMPERATURE RANGE	15.5C (14 th)
MEAN DAILY TEMPERATURE RANGE	06.8C
TOTAL RAINFALL	77.5MM (10YR) 112.7MM (28YR) 97.7MM
MAXIMUM RAINFALL IN 24 HOURS	33.6MM (01 st)
RAIN DAYS (0.2MM OR MORE)	14
WET DAYS (1.0MM OR MORE)	09
DAYS WITH RAIN INCLUDED	19
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	1028.0 MB (09 th)
MINIMUM ATMOSPHERIC PRESSURE	1000.0 MB (19 th)
MEAN ATMOSPHERIC PRESSURE	1018.2 MB (28YR MEAN): 1016.5 MB
MEAN SOUTHWEST SEA TEMPERATURE	17.4C (AUG 1986-2015 AVE): 17.1C
10YR RUNNING MEAN SW SEA	

TEMPERATURE (AUG 2006-2015)

16.9C

NOTES

THE ATLANTIC JET STREAM WAS, FOR THE FIRST HALF OF THE MONTH, OVER THE BRITISH ISLES. IT THEN TRANSFERRED TO THE SOUTHWEST, WEST AND NORTHWEST BETWEEN THE 15TH & 19TH BEFORE RETURNING TO IT'S ORIGINAL POSITION FROM THE 20TH TO 28TH. THE 29TH SAW IT TO THE WEST AND ON 30TH IT WAS TO THE NORTH OF THE UK. ON 31ST IT WAS AGAIN OVER THE BRITISH ISLES, WHILST AT THE SAME TIME GAINING STRENGTH.

ON THE 1ST AN ACTIVE FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST PRODUCING A DAY AND A NIGHT OF HEAVY RAIN WHICH GAVE THE MAXIMUM 24 HOUR RAINFALL FOR THE MONTH.

FOLLOWING THIS, HIGH PRESSURE TO THE WEST AND SOUTHWEST GRADUALLY BECAME ESTABLISHED UP UNTIL THE 15TH WHEN IT DECLINED AND MOVED OFF INTO THE NORTH SEA.

AFTER THIS, LOW PRESSURE WAS CLOSE TO THE BRITISH ISLES, WHILST AT THE SAME TIME, HIGH PRESSURE TO THE SOUTH WAS AGAIN TRYING TO BECOME ESTABLISHED.

ON THE 18TH A DEPRESSION OVER NE FRANCE PUSHED A TROUGH NORTHWARDS AND THIS PRODUCED THE SECOND HEAVIEST RAINFALL FOR THE MONTH.

RAINFALL AMOUNTS THROUGHOUT THE MONTH WERE FAIRLY LIGHT THOUGH WITH A NUMBER OF COMPLETELY DRY DAYS SCATTERED THROUGHOUT AUGUST.

THE MAIN WIND DIRECTION WAS AGAIN FROM A WESTERLY QUADRANT AND THE MAXIMUM (ESTIMATED) WIND GUST WAS 33KT (33MPH) DURING THE EARLY HOURS OF THE 20TH.

ALTHOUGH DAYTIME MAXIMUM TEMPERATURES WERE NOT SIGNIFICANTLY HIGH, THE NIGHTTIME ONES OFTEN WERE!

IT EVENTUALLY TURNED OUT TO BE THE DRIEST AUGUST HERE SINCE 2011 AND IT WAS THE WARMEST ONE SINCE 2013.

THE SUMMER AS A WHOLE SAW A MEAN MAXIMUM TEMP. OF 18.9C (WARMEST SINCE 2014), A MEAN MINIMUM TEMP. OF 11.9C (HIGHEST ON RECORD HERE!)

AND A MEAN TEMP. OF 15.4C (HIGHEST SINCE 2014 & EQUAL HIGHEST WITH 2010).

IT WAS ALSO THE DRIEST SUMMER HERE SINCE 2006.

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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 MSL. WE ALSO SUPPLY MONTHLY DATA TO THE WEATHER OBSERVER'S
NETWORK IN ESSEX AND WEEKLY DATA TO THE WEATHERNET ORGANISATION IN
BOURNEMOUTH.

