

# STITHIANS WEATHER SUMMARY

## JUNE 2021

HIGHEST MAXIMUM TEMPERATURE	23.2C (30th)
HIGHEST MINIMUM TEMPERATURE	14.5C (28th)
LOWEST MAXIMUM TEMPERATURE	14.3C (21st)
LOWEST MINIMUM TEMPERATURE	02.0C (04th)
MEAN MAXIMUM TEMPERATURE	18.8C (10YR) 17.9C (33YR) 17.5C
MEAN MINIMUM TEMPERATURE	10.3C (10YR) 10.0C (33YR) 09.7C
MEAN TEMPERATURE FOR MONTH	14.5C (10YR) 13.9C (33YR) 13.6C
MAX DAILY TEMPERATURE RANGE	17.5C (04th)
MEAN DAILY TEMPERATURE RANGE	08.4C
TOTAL RAINFALL FOR THE MONTH	78.6 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	97.3 MM
TOTAL RAINFALL (33 YRS LONG TERM AV)	78.3 MM
MAXIMUM RAINFALL IN 24 HOURS	38.5 MM (27th)
RAIN DAYS (0.2MM OR MORE)	15
WET DAYS (1.0MM OR MORE)	09
DAYS WITH RAIN INCLUDED	17
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	1027.0 MB (12th & 13th)

MINIMUM ATMOSPHERIC PRESSURE	1007.0 MB (20th)
MEAN ATMOSPHERIC PRESSURE	1019.0 MB (33YR MEAN) 1017.1 MB
MEAN SW SEA TEMP (JUNE 1986-2020 AV)	13.8C
10YR RUNNING MEAN SW SEA TEMP	(JUNE 2011-2020) 14.2C
MEAN SW SEA TEMP JUNE 2021:	14.6C

## **NOTES**

SYNOPTIC SITUATION: ON THE 1ST A RIDGE DECLINED AS A LOW (1007MB) MOVED UP SLOWLY FROM MID-BISCAY. A SHOWER TROUGH CLEARED OVERNIGHT LEAVING A LOW (1008MB) AT 50N/9.5W ON 2ND. A COLD FRONT CLEARED EASTWARDS OVER NIGHT AS A RIDGE ARRIVED FOR THE 3<sup>RD</sup> WHICH PERSISTED ON THE 4TH.

ON THE 5TH AN OCCLUSION MOVED EASTWARDS INTO A RIDGE OF HIGH PRESSURE. THIS SITUATION CONTINUED ON THE 6TH AS A NEW COLD FRONT CLEARED TO THE EAST AND RE-ESTABLISHED ITSELF.

THERE WAS LITTLE CHANGE ON THE 7TH AND 8TH. ON THE 9TH A WARM FRONT CLEARED EASTWARDS, BEING FOLLOWED BY A WARM SECTOR.

THIS SITUATION CONTINUED ON THE 10TH AS A MILD AND MOIST SOUTHWESTERLY AIRSTREAM CONTINUED TO AFFECT SW ENGLAND AND A WEAK RIDGE LINGERED.

ON THE 11TH TWO WEAK COLD FRONTS MOVED SOUTHEASTWARDS AND GRADUALLY DIED OUT.

ON THE 12TH A HIGH (1026MB) AT 49N/10W EXTENDED A RIDGE OF HIGH PRESSURE TO AND OVER THE UK.

BY THE 13TH A HIGH (1029MB) HAD FORMED OVER BELGIUM WHICH WAS LINKED TO AN AZORES HIGH.

ON THE 14TH PRESSURE FELL AS A WEAK COLD FRONT MOVED DOWN FROM THE NORTHWEST WHICH FINALLY CLEARED BY LATE EVENING.

ON THE 15TH A RIDGE OF HIGH PRESSURE PERSISTED BEFORE COLLAPSING LATE IN THE DAY.

BY THE 16TH A COLD FRONT WAS EDGING DOWN FROM THE NORTHWEST WHICH CLEARED OVERNIGHT. A HIGH (1031MB) AT 46N/28W PUSHED A WEAK RIDGE TO AND OVER THE UK WHICH PERSISTED ON THE 18TH.

THE 19TH SAW PRESSURE FALLING AS A SHOWER TROUGH ARRIVED FROM THE SOUTH DURING THE EVENING. A SLACK AREA OF LOW PRESSURE PERSISTED ON THE 20TH AND ON THE 21ST THERE WAS AN OCCLUSION WHICH LINGERED ALL DAY BEFORE CLEARING MID-EVENING.

ON THE 22ND THERE WAS A RIDGE OF HIGH PRESSURE (FROM A HIGH 1033MB AZORES) WHICH CONTINUED ON THE 23RD.

ON THE 4TH A WEAK WARM FRONT FROM NE ENGLAND TO CORNWALL INTERSECTED A RIDGE OF HIGH PRESSURE BEFORE A COLD FRONT APPROACHED FROM THE NORTHWEST LATE EVENING.

ON THE 25TH THE COLD FRONT CLEARED DURING THE MORNING AS PRESSURE FELL SLOWLY.

BY THE 26TH A LOW (1016MB) HAD DRIFTED DOWN TO BE OVER DARTMOOR WHILST IT'S ASSOCIATED OCCLUSION PERSISTED. DURING THE DAY THE LOW MOVED OFF TO THE SSW AS A NEW WARM FRONT CAME UP FROM NORTHERN FRANCE.

BY THE 27TH THE LOW (1009MB) WAS IN MID-BISCAY AS AN ACTIVE FRONTAL SYSTEM AFFECTED S AND SW ENGLAND. THIS CLEARED OVERNIGHT LEAVING A SHOWERY NORTHEASTERLY AIRSTREAM AND A LOW (1009MB) E BISCAY ON THE 28TH.

ON THE 29TH A LINGERING OCCLUSION MOVED AWAY AS A LOW (1015MB) PERSISTED IN EAST BISCAY.

ON THE 30TH THERE WAS A WEAK RIDGE OF HIGH PRESSURE WITH A LIGHT NORTHERLY AIRSTREAM.

THE MAIN ATLANTIC JET STREAM WAS MAINLY TO THE WEST OF THE BRITISH ISLES. IT WAS TO THE NW ON THE 10TH AND 13TH. IT WAS TO THE WEST ON THE 1ST-3RD, 6TH-9TH, 18TH-19TH, 21ST-27<sup>TH</sup>, 29TH AND 30TH.

IT WAS OVER THE UK ON THE 4TH, 11TH-12TH AND FROM THE 14TH-17<sup>TH</sup>.  
IT WAS TO THE SW ON THE 5TH, 20TH & 28TH.

JUNE WAS A FAIRLY STABLE MONTH WITH GENERALLY LIGHT WINDS,  
VARIABLE AMOUNTS OF CLOUD, SOME SUNNIER DAYS AND SCATTERED  
AMOUNTS OF RAINFALL THROUGHOUT THE MONTH.

THE HEAVIEST RAINFALL WAS RECORDED ON THE 27TH WHEN 38.5MM  
FELL, THE HEAVIEST OF WHICH OCCURRED DURING THE AFTERNOON.

THE MAXIMUM (ESTIMATED) WIND GUST FOR THE MONTH WAS 21KT AND  
THE PREDOMINANT WIND DIRECTION WAS EASTERLY, FOLLOWED BY  
WESTERLY.

THE MAX/MIN PRESSURE RANGE (20MB) WAS THE LOWEST RECORDED IN  
ANY JUNE HERE SINCE 2000. (WHEN IT WAS ALSO 20MB!) IT WAS THE  
WARMEST AND WETTEST JUNE HERE SINCE 2018.

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