

STITHIANS WEATHER SUMMARY

JUNE 2022

HIGHEST MAXIMUM TEMPERATURE	26.8C (17th)
HIGHEST MINIMUM TEMPERATURE	14.9C (24th)
LOWEST MAXIMUM TEMPERATURE	14.0C (19th)
LOWEST MINIMUM TEMPERATURE	02.6C (14th)
MEAN MAXIMUM TEMPERATURE	19.1C (10YR) 18.1C (34YR) 17.5C
MEAN MINIMUM TEMPERATURE	09.8C (10YR) 10.1C (34YR) 09.7C
MEAN TEMPERATURE FOR MONTH	14.4C (10YR) 14.1C (34YR) 13.6C
MAX DAILY TEMPERATURE RANGE	17.1C (14th)
MEAN DAILY TEMPERATURE RANGE	09.2C
TOTAL RAINFALL FOR THE MONTH	78.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	93.4 MM
TOTAL RAINFALL (33 YRS LONG TERM AV)	78.3 MM
MAXIMUM RAINFALL IN 24 HOURS	17.3 MM (03rd)
RAIN DAYS (0.2MM OR MORE)	15
WET DAYS (1.0MM OR MORE)	11
DAYS WITH RAIN INCLUDED	14
DAYS WITH HAIL	00
DAYS WITH THUNDER	01
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	00
MAXIMUM ATMOSPHERIC PRESSURE	1028.0 MB (13th)

MINIMUM ATMOSPHERIC PRESSURE	1000.0 MB (24th)
MEAN ATMOSPHERIC PRESSURE	1015.8 MB (34YR MEAN) 1017.1 MB
MEAN SW SEA TEMP (JUNE 1986-2021 AV)	13.8C
10YR RUNNING MEAN SW SEA TEMP (JUNE 2012-2021)	14.3C
MEAN SW SEA TEMP JUNE 2022:	15.3C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A SLACK AREA OF LOW PRESSURE COVERED THE UK AND IRELAND WHICH SITUATION CONTINUED ON THE 2ND.

ON THE 3RD A HIGH (1027MB) PERSISTED OVER SCOTLAND WHILE LOW PRESSURE DEVELOPED OVER WEST AND NORTHWEST FRANCE.

ON THE 4TH A SHOWER TROUGH MOVED THROUGH IN THE EARLY HOURS AS A LOW (1014MB) LINGERED OVER WESTERN BRITTANY.

ON THE 5TH A LOW (1015MB) WAS WEST OF THE ISLES OF SCILLY AND A HIGH (1025MB) PERSISTED.

THE 6TH SAW A SLACK AREA OF LOW PRESSURE AND A LOW (1011MB) AT 49N/12W AS A WEAK OCCLUSION EDGED UP FROM THE SOUTH BEFORE CLEARING LATER.

ON THE 7TH THE LOW (998MB) WAS AT 51N/15W WHICH PUSHED AN OCCLUSION ACROSS THE REGION, BEING FOLLOWED ON THE 8TH BY A LOW (993MB) WNW OF GALWAY AND A SHOWERY SW/W AIRSTREAM.

THE 9TH SAW A LOW (977MB) (EX-HURRICANE 'ALEX') AT 52N/25W WHICH EXTENDED A FRONTAL SYSTEM ACROSS THE REGION BEFORE THE COLD FRONT CLEARED AWAY EASTWARDS. ON 10TH A LOW (974MB) WAS AT 59N/18W & A SW AIRSTREAM COVERED THE BRITISH ISLES AND IRELAND.

BY THE 11TH THE LOW (982MB) HAD MOVED TO 60N/11W WHILE MAINTAINING THE FRESH SW AIRSTREAM.

THE 12TH SAW WINDS VEER WESTERLY AS THE RIDGE (FROM A HIGH 1034MB AT 45N/28W) INTENSIFIED. ON THE 13TH THIS SITUATION CONTINUED.

THE 14TH SAW THE RIDGE WEAKENING WHICH LASTED THROUGHOUT THE 15TH.

ON THE 16TH A NEW HIGH (1023MB) FORMED OVER NORTHERN BRITTANY.

ON THE 17TH A WEAK RIDGE PERSISTED.

ON THE 18TH A COLD FRONT EDGED DOWN FROM THE NW WHICH LATER STARTED TO WAVE AND SLOW DOWN.

ON THE 19TH A LOW (1005MB) FORMED MID-BISCAY WHICH PUSHED A WARM FRONT UP ACROSS THE REGION BY LATE EVENING.

ON THE 20TH A HIGH (1041MB) AT 46N/32.5W AND A WEAK RIDGE TO AND OVER THE UK AND IRELAND WHILE A LOW (1007MB) PERSISTED TO THE NORTH OF SANTANDER.

BY THE 21ST THE LOW (1011MB) HAD MOVED TO THE WEST OF NW PORTUGAL AND A SLACK AREA OF LOW PRESSURE COVERED THE UK. A HIGH (1039MB) NW OF AZORES PUSHED A RIDGE TO THE WEST OF IRELAND AND THERE WAS A WEAK HIGH (1016MB) SW DENMARK.

ON THE 22ND THE SLACK AREA OF LOW PRESSURE PERSISTED WHICH CONTINUED ON THE 23RD AS PRESSURE FELL FURTHER AND AN OCCLUSION TO THE SOUTH OF CORNWALL DIED OUT.

ON THE 24TH A LOW (996MB) FORMED TO THE WEST OF GALWAY WHICH PUSHED A COLD FRONT EASTWARDS BEFORE IT CLEARED LATE AFTERNOON.

ON THE 25TH THE LOW (986MB) NW OF GALWAY BECAME THE DOMINANT FEATURE AS A SHOWER TROUGH CLEARED EASTWARDS EARLY MORNING AND THE SHOWERY SW AIRSTREAM CONTINUED.

THERE WAS LITTLE CHANGE ON THE 26TH AS THE LOW (991MB) PERSISTED NW OF GALWAY.

ON THE 27TH A VERY SLIGHT RIDGE PREVAILED.

ON THE 28TH THE LOW (994MB) BECAME QUASI-STATIONARY TO THE WEST OF IRELAND AND PUSHED A FRONTAL SYSTEM ACROSS THE REGION BEFORE CLEARING LATE AFTERNOON.

ON THE 9TH THE LOW (999MB) HAD DRIFTED TO 59.5N/11W AS A SHOWERY WESTERLY AIRSTREAM PERSISTED WHICH CONTINUED ON THE 30TH.

THE MAIN ATLANTIC JET STREAM SLOWLY STRENGTHENED DURING THE MONTH. IT WAS MAINLY TO THE SOUTH OR SOUTHWEST FOR THE FIRST TEN DAYS. FOR THE NEXT TEN DAYS IT WAS EITHER TO THE WEST OR OVER THE UK AND FOR THE FINAL 10 DAYS OR SO, THERE WAS LITTLE CHANGE IN THE SITUATION.

JUNE SAW A GOOD DEAL OF DRY WEATHER, ESPECIALLY FROM THE 10TH-16TH AND FROM THE 20TH-23RD.

THERE WERE HEAVIER FALLS OF RAIN ON THE 3RD, 25TH AND 28TH.

TOTAL RAINFALL TURNED OUT TO BE CLOSE TO THE LONG TERM AVERAGE FOR JUNE.

THE HIGHEST MAX TEMP. WAS THE SECOND HIGHEST EVER RECORDED HERE FOR ANY JUNE (BACK TO 1987).

THE MEAN MIN TEMP. WAS THE LOWEST IN ANY JUNE SINCE 1987.

THE MEAN TEMPERATURE WAS ALMOST A DEGREE ABOVE THE LONG TERM AVERAGE.

THE MEAN SW SEA TEMPERATURE WAS A NEW 'HIGHEST' FOR ANY JUNE RECORDED SO FAR.

A THUNDERSTORM TO THE SW OCCURRED AT 0907 GMT ON THE 18TH.

ON THE SAME DAY ANOTHER THUNDERSTORM (TO THE SW AND W) OCCURRED FROM 1703 GMT TO 1812 GMT.

THE PREDOMINANT WIND DIRECTION FOR THE MONTH WAS SOUTHWESTERLY AND THE MAXIMUM (ESTIMATED) WIND GUST WAS 26KT (30 MPH) DURING THE EARLY AFTERNOON OF THE 28TH.

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: 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