

STITHIANS WEATHER SUMMARY

JUNE 2023

HIGHEST MAXIMUM TEMPERATURE	25.7C (14TH)
HIGHEST MINIMUM TEMPERATURE	17.8C (24TH)
LOWEST MAXIMUM TEMPERATURE	15.6C (02ND)
LOWEST MINIMUM TEMPERATURE	02.8C (03RD)
MEAN MAXIMUM TEMPERATURE	20.9C (10YR) 18.3C (35YR) 17.6C
MEAN MINIMUM TEMPERATURE	12.1C (10YR) 10.1C (35YR) 09.7C
MEAN TEMPERATURE FOR MONTH	16.5C (10YR) 14.2C (35YR) 13.6C
MAX DAILY TEMPERATURE RANGE	16.2C (03RD)
MEAN DAILY TEMPERATURE RANGE	08.8C
TOTAL RAINFALL FOR THE MONTH	24.2 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	84.4 MM
TOTAL RAINFALL (35 YRS LONG TERM AV)	78.3 MM
MAXIMUM RAINFALL IN 24 HOURS	7.9 MM (19TH)
RAIN DAYS (0.2MM OR MORE)	07
WET DAYS (1.0MM OR MORE)	05
DAYS WITH RAIN INCLUDED	13
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	1024.0 MB (23RD)
MINIMUM ATMOSPHERIC PRESSURE	1007.0 MB (18TH)
MEAN ATMOSPHERIC PRESSURE	1016.8 MB (36YR MEAN) 1017.1 MB
MEAN SW SEA TEMP	
(JUNE 1986-2022 AV)	13.8C
10YR RUNNING MEAN SW SEA TEMP	14.5C
MEAN SW SEA TEMP JUNE 2023:	16.4C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A LARGE HIGH (1035MB) OVER THE ATLANTIC DOMINATED THE WEATHER ACROSS THE UK, IRELAND, GERMANY AND NORTHERN FRANCE WHICH SITUATION PERSISTED ON THE 2ND, 3RD, 4TH AND 5TH AS THE HIGH (1030MB) MOVED TO NW SCOTLAND. THIS HIGH (1028MB) PERSISTED OVER NW SCOTLAND AS THE BAND OF HIGH PRESSURE WAS MAINTAINED TO THE MID ATLANTIC.

A LOW (994MB) WAS SLOW MOVING EAST OF THE AZORES ON THE 6TH.

ON THE 7TH THE HIGH (1028MB) AT 58N/25W CONTINUED A RIDGE TO THE UK, IRELAND, ICELAND AND THE NORTH SEA. A LOW (994MB) EAST OF THE AZORES WAS ACCOMPANIED BY A LOW (999MB) WEST OF PORTUGAL WITH TWO OCCLUSIONS. A MODERATE TO FRESH EASTERLY AIRSTREAM CONTINUED.

ON THE 8TH THE HIGH (1028MB) MOVED TO THE WEST OF SW NORWAY AND THE COMPLEX LOWS (995MB & 999MB) WERE SLOW MOVING TO THE WEST OF PORTUGAL.

ON THE 9TH THE HIGH (1029MB) NW SCANDINAVIA DECLINED AS A WEAK OCCLUSION EDGED UP TOWARDS THE ISLES OF SCILLY. A COMPLEX LOW (998MB) DRIFTED SLOWLY TO THE NW OF PORTUGAL.

THE 10TH SAW AN OCCLUSION MOVING AWAY TO THE NE WHILE A LOW (1000MB) AT 46N/22W WAS SLOW MOVING. THE HIGH (1031MB) HAD

MOVED TO FINLAND WHILE MAINTAINING A WEAK RIDGE TO THE NORTH SEA.

ON THE 11TH A COOL AREA COVERED ENGLAND AND IRELAND.

ON THE 12TH A SLACK AREA OF LOW PRESSURE COVERED THE UK AS A THUNDERY LOW (1014MB) EXTENDED A SHOWER TROUGH TO WESTERN WALES AND NORTHERN IRELAND.

ON THE 13TH A LOW (1007MB) OVER S AND SW EUROPE EXTENDED AN ISOBARIC TROUGH TO AND OVER ENGLAND AND IRELAND.

ON THE 14TH THERE WAS A WEAK RIDGE OF HIGH PRESSURE.

THE 15TH SAW LITTLE CHANGE.

ON THE 16TH A WEAK OCCLUSION CROSSED THE REGION FROM THE SW DURING THE EVENING.

ON THE 17TH A PRIMARY LOW (1007MB) WAS SLOW MOVING SW OF IRELAND. A WARM, HUMID SE AIRSTREAM PREVAILED.

THERE WAS LITTLE CHANGE ON THE 18TH.

ON THE 19TH THE LOW (1002MB) HAD MOVED TO CENTRAL SCOTLAND AMID A WARM, HUMID SW AIRSTREAM.

THE 20TH SAW A SHOWER TROUGH ARRIVING FROM THE SOUTH BEFORE CLEARING LATE AFTERNOON.

ON THE 21ST A WEAK RIDGE MOVED IN, THIS COMBINED WITH A SLIGHTLY SHOWERY SW AIRSTREAM.

ON THE 22ND A RIDGE OF HIGH PRESSURE PERSISTED AND ON THE 23RD THERE WAS LITTLE CHANGE.

BY THE 24TH THE HIGH (1027MB) HAD MOVED TO SE GERMANY WHILE MAINTAINING THE RIDGE OVER FRANCE AND ENGLAND. PRESSURE FELL MARKEDLY DURING THE DAY.

ON THE 25TH A WEAK COLD FRONT MOVED EASTWARDS.

ON THE 26TH THERE WAS A RIDGE OF HIGH PRESSURE FROM A HIGH 1029MB OVER THE AZORES.

THERE WAS LITTLE CHANGE ON THE 27TH AS A VERY MILD AND HUMID SW AIRSTREAM CONTINUED.

THE 28TH SAW A VERY MILD AND HUMID WARM SECTOR, BEFORE A WEAK COLD FRONT CLEARED AWAY EASTWARDS DURING THE EVENING.

ON THE 29TH A RIDGE OF HIGH PRESSURE PREVAILED.

THE 30TH SAW TWO WARM FRONTS MOVING SOUTHEASTWARDS, BEING FOLLOWED BY A BROAD, VERY HUMID, WARM SECTOR. THE COLD FRONT CLEARED THROUGH DURING THE LATE EVENING.

FOR THE FIRST HALF OF THE MONTH, THE MAIN ATLANTIC JET STREAM WAS TO THE NORTH OR NORTHWEST OF THE BRITISH ISLES, THEREAFTER TRANSFERRING MORE TO THE WEST OR SOUTHWEST AND BECOMING STRONGER, MORE ORGANISED AND ZONAL WNW/ESE BY THE END OF JUNE.

JUNE TURNED OUT TO BE DRY AND VERY WARM WITH PLENTY OF SUNSHINE ON OFFER. IT WAS, BY FAR, THE WARMEST JUNE EVER RECORDED WITH ALL MEAN TEMPERATURES BEING NEW RECORD HIGHS FOR THE MONTH.

IT WAS THE DRIEST JUNE HERE SINCE 2018. THE HIGHEST MIN TEMPERATURE AND THE MEAN SW SEA TEMPERATURES ARE ALSO NEW RECORD VALUES FOR THE MONTH.

THE MAIN WIND DIRECTION FOR JUNE WAS EASTERLY, FOLLOWED BY SOUTHWESTERLY AND SOUTHEASTERLY.

THE MAXIMUM (MEASURED) WIND GUST WAS 17KT (19 M.P.H.)

PLEASE NOTE THAT WE HAVE A VERY INFORMATIVE AND MUCH MORE DETAILED WEBSITE WHICH CAN BE FOUND AT: stithiansweather.co.uk THIS NOW INCLUDES A DIRECT LINK FOR OUR STITHIANS WEATHER STATION LIVE WEATHER DATA FEED (VIA WUNDERGROUND).

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. A LIVE WEATHER DATA FEED FROM OUR STITHIANS WEATHER STATION IS NOW ALSO SENT TO: www.wunderground.com