

STITHIANS WEATHER SUMMARY

JUNE 2024

HIGHEST MAXIMUM TEMPERATURE	26.3C (26TH)
HIGHEST MINIMUM TEMPERATURE	14.9C (23RD)
LOWEST MAXIMUM TEMPERATURE	14.4C (13TH)
LOWEST MINIMUM TEMPERATURE	04.4C (11TH)
MEAN MAXIMUM TEMPERATURE	18.3C (10YR) 18.7C (36YR) 17.7C
MEAN MINIMUM TEMPERATURE	09.9C (10YR) 10.4C (36YR) 09.8C
MEAN TEMPERATURE FOR MONTH	14.1C (10YR) 14.5C (36YR) 13.7C
MAX DAILY TEMPERATURE RANGE	13.7C (07TH)
MEAN DAILY TEMPERATURE RANGE	08.4C
TOTAL RAINFALL FOR THE MONTH	50.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	79.1 MM
TOTAL RAINFALL (36 YRS LONG TERM AV)	76.8 MM
MAXIMUM RAINFALL IN 24 HOURS	22.6 MM (13TH)
RAIN DAYS (0.2MM OR MORE)	14
WET DAYS (1.0MM OR MORE)	07
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	1028.0 MB (01ST & 02ND)
MINIMUM ATMOSPHERIC PRESSURE	999.0 MB (14TH)
MEAN ATMOSPHERIC PRESSURE	1015.3 MB (37YR MEAN) 1017.1 MB
MEAN SW SEA TEMP (JUNE 1986-2023 AV)	13.9C
10YR RUNNING MEAN SW SEA TEMP	14.8C
MEAN SW SEA TEMP JUNE 2024:	14.7C

NOTES

SYNOPTIC SITUATION: ON THE 1ST THERE WAS A HIGH (1034MB) AT 52N/16W (SW OF IRELAND) WITH A RIDGE TO AND OVER SCOTLAND, IRELAND AND ENGLAND. THERE WAS LITTLE CHANGE ON THE 2ND AND 3RD.

ON THE 4TH THE HIGH (1029MB) MOVED AWAY WESTWARDS AS TWO COLD FRONTS EDGED SE ACROSS THE UK.

ON THE 5TH A HIGH (1029MB) MID ATLANTIC EXTENDED A WEAK RIDGE TO AND OVER SOUTHERN ENGLAND. THERE WAS LITTLE CHANGE ON THE 6TH.

ON THE 7TH A WEAK RIDGE LINGERED OVER SW ENGLAND AS A WEAK OCCLUSION CLEARED SLOWLY AWAY SOUTHEASTWARDS.

A WEAK COLD FRONT CLEARED MIDDAY ON THE 8TH AS A NW AIRSTREAM CONTINUED AND A HIGH (1027MB) PERSISTED SW OF IRELAND. THERE WAS LITTLE CHANGE ON THE 9TH.

ON THE 10TH A COLD FRONT CLEARED SOUTHWARDS IN THE EARLY HOURS, BEING FOLLOWED BY A VERY COOL NORTHERLY AIRSTREAM ALL THE WAY FROM THE SVALBERG AREA.

ON THE 11TH A HIGH (1026MB) NW OF IRELAND EXTENDED A RIDGE TO THE WEST OF SVALBERG AS THE COOL NW AIRSTREAM PERSISTED.

THE 12TH SAW A HIGH (1033MB) WEST OF THE AZORES EXTEND A RIDGE TO AND OVER THE UK AND IRELAND.

ON THE 13TH AN ACTIVE FRONTAL SYSTEM MOVED EASTWARDS AND CLEARED DURING THE EVENING.

ON THE 4TH THERE WAS A SHOWERY WESTERLY AIRSTREAM. THERE WAS A SLIGHTLY LESS SHOWERY WESTERLY ON THE 15TH. THERE WAS LITTLE CHANGE ON THE 16TH AND ON THE 17TH THERE WAS A SLACK AREA OF LOW PRESSURE.

THE 18TH SAW A VERY WEAK RIDGE OF HIGH PRESSURE. THE 19TH SAW A HIGH (1032MB) NORTH OF THE AZORES PUSH A RIDGE TO AND OVER IRELAND AND THE UK.

A WARM FRONT PUSHED INTO THE WESTERN ISLES AND NW IRELAND. ON THE 20TH THE HIGH 1030MB NE OF THE AZORES EXTENDED A RIDGE TO AND OVER THE UK TO LINK TO A HIGH (1020MB) GERMANY.

ON THE 21ST A WEAK RIDGE MOVED AWAY EASTWARDS AS TWO COLD FRONTS MOVED IN WITH THESE CLEARING DURING THE EVENING.

ON THE 22ND THERE WAS A VERY WEAK HIGH PRESSURE RIDGE BEFORE A FRONTAL SYSTEM ARRIVED FROM THE WEST DURING THE EVENING. ON THE 23RD THE SLOW-MOVING OCCLUSION PERSISTED ALL DAY.

ON THE 24TH A HIGH (1021MB) HOLLAND EXTENDED A RIDGE TO AND OVER THE ENGLISH CHANNEL AND SW ENGLAND.

A WEAK RIDGE PERSISTED ON THE 5TH BEFORE THIS MOVED AWAY LEAVING A SLACK LOW PRESSURE AREA FOR THE 26TH. AN UNUSUALLY DEEP LOW (981MB) FORMED AT 55N/19W WHICH BECAME INCREASINGLY VIGOROUS.

ON THE 27TH A WEAK COLD FRONT CLEARED IN THE EARLY HOURS LEAVING A SLIGHTLY SHOWERY WESTERLY AND A LOW (985MB) OVER THE WESTERN ISLES.

THE 28TH SAW A RIDGE OF HIGH PRESSURE AS THE LOW MOVED UP TOWARDS SE ICELAND.

ON THE 29TH A LOW (1012MB) OVER SW IRELAND PUSHED A WEAK WARM FRONT AND AN EQUALLY WEAK WARM SECTOR UP FROM THE SOUTHWEST.

ON THE 30TH A WEAK OCCLUSION CLEARED AS A WEAK RIDGE MOVED IN (FROM A HIGH 1031MB) TO THE WEST OF THE AZORES.

THE MAIN ATLANTIC JET STREAM STRENGTHENED DURING THE MONTH AND WAS CLOSE TO, OR OVER THE UK FOR THE FIRST 10 DAYS, THEREAFTER TRANSFERRING TO THE SOUTHWEST OR SOUTH UP UNTIL THE 20TH AND MAINLY TO THE N.W. OR WEST UNTIL THE END OF JUNE.

THE MONTH OF JUNE WAS DRIER THAN NORMAL WITH ONLY TWO THIRDS OF AVERAGE RAINFALL FOR THE MONTH. IT WAS THE DRIEST JUNE HERE SINCE 2022.

TEMPERATURES WERE ALSO PEGGED DOWN WITH MANY OF THE DAYS SEEING MAXIMUMS A LITTLE BELOW AVERAGE.

THE MEAN MAX. TEMP AND THE MEAN TEMPERATURE WERE THE COLDEST HERE SINCE 2020.

THE MEAN MIN. TEMP WAS THE COLDEST SINCE JUNE 2022. THERE WERE ALSO SOME COLDER NIGHTS, MORE ESPECIALLY DURING THE FIRST TWO WEEKS. THE FINAL WEEK SAW SOME WARMER NIGHTS OCCURRING.

THE WETTEST 24 HOURS WAS DURING THE 13TH WHEN 22.6MM FELL WHILSE OTHER TOTALS WERE GENERALLY SMALL.

THE MAXIMUM (MEASURED) WIND GUST WAS 19KT (21 MPH) AT 1400 GMT ON THE 14TH.

THE PREDOMINANT WIND DIRECTION WAS NORTHWESTERLY, FOLLOWED BY WESTERLY AND SOUTHWESTERLY.

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