

STITHIANS WEATHER SUMMARY

MARCH 2023

HIGHEST MAXIMUM TEMPERATURE	13.9C (30TH)
HIGHEST MINIMUM TEMPERATURE	10.9C (13TH)
LOWEST MAXIMUM TEMPERATURE	06.2C (10TH)
LOWEST MINIMUM TEMPERATURE	-04.8C (03RD)
MEAN MAXIMUM TEMPERATURE	10.9C (10YR) 09.9C (35YR) 10.0C
MEAN MINIMUM TEMPERATURE	05.9C (10YR) 03.7C (35YR) 04.0C
MEAN TEMPERATURE FOR MONTH	08.4C (10YR) 06.8C (35YR) 07.0C
MAX DAILY TEMPERATURE RANGE	14.2C (27TH)
MEAN DAILY TEMPERATURE RANGE	05.0C
TOTAL RAINFALL FOR THE MONTH	224.0 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	122.0 MM
TOTAL RAINFALL (35 YRS LONG TERM AV)	101.9 MM
MAXIMUM RAINFALL IN 24 HOURS	26.2 MM (30TH)
RAIN DAYS (0.2MM OR MORE)	27
WET DAYS (1.0MM OR MORE)	21
DAYS WITH RAIN INCLUDED	25
DAYS WITH HAIL	00
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	04
MAXIMUM ATMOSPHERIC PRESSURE	1030.0 MB (04TH)

MINIMUM ATMOSPHERIC PRESSURE	979.0 MB (04TH)
MEAN ATMOSPHERIC PRESSURE	1007.7 MB (36YR MEAN) 1016.6 MB
MEAN SW SEA TEMP (MARCH 1986-2022 AV)	09.5C
10YR RUNNING MEAN SW SEA TEMP	09.8C
MEAN SW SEA TEMP MARCH 2023:	10.4C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A HIGH (1042MB) NW OF SCOTLAND DOMINATED THE WEATHER ACROSS THE UK AND IRELAND. THE 2ND, 3RD AND 4TH SAW LITTLE CHANGE IN THIS SITUATION.

BY THE 5TH THE HIGH (1027MB) HAD RETREATED TO THE WEST OF IRELAND, WHILE MAINTAINING A WEAKENING RIDGE TO AND OVER THE UK, IRELAND AND FRANCE.

ON THE 6TH PRESSURE COLLAPSED AS AN OCCLUSION MOVED SOUTHWARDS CLEARING IN THE LATE-AFTERNOON. MEANWHILE, A DEEP LOW (988MB) OFF OF EASTERN SCOTLAND MOVED INTO THE NORTHERN NORTH SEA.

BY THE 7TH THE LOW (978MB) WAS OVER NORTHERN DENMARK AS ITS COLD FRONT MOVED SOUTHWARDS, SOON TO BE FOLLOWED BY A RETURNING WARM FRONT DURING THE EVENING.

ON THE 8TH AN ACTIVE WARM FRONT AND AN OCCLUSION EDGED UP FROM THE SOUTH BRINGING IN A VERY MILD SOUTHWESTERLY AIRSTREAM.

ON THE 9TH A BROAD WARM SECTOR COVERED THE REGION BEFORE A LOW (977MB) MOVED INTO THE CELTIC SEA BY 1800 GMT.

BY 0600 GMT ON THE 10TH THE LOW (982MB) HAD MOVED TO NORFOLK AS A COLD AND SHOWERY WEST TO NORTHWESTERLY AIRSTREAM ARRIVED BEHIND IT. A FRONTAL SYSTEM EDGED UP FROM THE SOUTH LATER IN THE DAY.

ON THE 11TH A BROAD AND VERY MILD WARM SECTOR PREVAILED.

THERE WAS A VERY WEAK RIDGE ON THE 12TH BEFORE A WARM FRONT ARRIVED FROM THE SW DURING THE AFTERNOON.

ON THE 13TH A STRONG, MILD, SOUTHWESTERLY AIRSTREAM COVERED MOST OF THE UK AND IRELAND, BEFORE AN OCCLUSION CLEARED DURING THE EVENING.

THE 14TH SAW A COLDER NW AIRSTREAM.

ON THE 5TH A FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST.

ON THE 16TH A LOW (977MB) WEST OF IRELAND PUSHED A COLD FRONT UP ACROSS THE REGION WHICH LINGERED ALL DAY AND EVENING.

ON THE 17TH THE LOW (983MB) SW OF IRELAND BROUGHT UP A SHOWERY SE AIRSTREAM.

ON THE 18TH A FLABBY AREA OF LOW PRESSURE COVERED THE UK AND IRELAND.

THE 19TH SAW A RIDGE OF HIGH PRESSURE BEFORE A WARM FRONT ARRIVED DURING THE EVENING.

ON THE 20TH THERE WAS A BROAD WARM SECTOR BEFORE THE COLD FRONT CLEARED LATE EVENING.

THE 21ST SAW A MILD SW AIRSTREAM BEFORE A FRONTAL SYSTEM ARRIVED DURING THE EVENING.

ON THE 22ND THE COLD FRONT CLEARED IN THE EARLY MORNING AS A SHOWERY SW AIRSTREAM CAME IN.

THE 23RD SAW A BRISK SOUTHWESTERLY AS A WAVE LOW CAME UP FROM THE SW, CLEARING IN THE LATE-AFTERNOON.

ON THE 24TH A LOW (977MB) HEADED IN FROM THE MID-ATLANTIC TO GALWAY AS A SHOWERY SOUTHWESTERLY PERSISTED.

ON THE 25TH A WEAK RIDGE GAVE WAY AS A FRONTAL SYSTEM ARRIVED IN THE EARLY EVENING.

ON THE 26TH A SHOWERY NW AIRSTREAM PREVAILED AND A LOW (998MB) WEST OF THE ISLES OF SCILLY MOVED INTO WESTERN FRANCE AND FILLED UP.

ON 27TH A HIGH (1027MB) OVER NE FRANCE EXTENDED A RIDGE TO AND OVER THE UK AND IRELAND, BEFORE A FRONTAL SYSTEM ARRIVED IN THE LATE EVENING.

ON THE 28TH THE FRONTAL SYSTEM MOVED EASTWARDS AND THE COLD FRONT CLEARED IN THE LATE AFTERNOON.

ON THE 29TH A FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST AND CLEARED IN THE EVENING.

THE 30TH SAW A SHOWERY, BRISK SW AIRSTREAM BEFORE A LOW (978MB) AT 47.5N/16W AT 1200 GMT (STORM 'MATHIS') MOVED TO 50N/10W (979MB) BY 1800 GMT AND PUSHED A FRONTAL SYSTEM UP ACROSS THE REGION.

BY 0600 GMT ON THE 31ST THE LOW (981MB) WAS OVER BRISTOL AND TWO OCCLUSIONS WERE WRAPPED AROUND IT AS A SHOWERY WESTERLY AIRSTREAM ARRIVED.

THE MAIN ATLANTIC JET STREAM WAS TO THE WEST OR SOUTHWEST OF THE BRITISH ISLES THROUGHOUT THE MONTH.

MARCH TURNED OUT TO BE VERY CHANGEABLE WITH WELL OVER DOUBLE THE AMOUNT OF LONG TERM AVERAGE RAINFALL. IT WAS THE WETTEST MARCH SINCE 2018.

THERE WERE ONLY 4 DRY DAYS (1ST-4TH).

IT WAS ALSO WARMER THAN NORMAL WITH THE MEAN TEMPERATURE BEING THE HIGHEST IN ANY MARCH SINCE 2017.

IT ALSO HAD THE LOWEST MEAN PRESSURE IN ANY MARCH SINCE 2018.

THE PREDOMINANT WIND DIRECTION WAS SOUTHWESTERLY

THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 29KT (33 MPH) AT 0039 GMT ON THE 31ST.

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