

# STITHIANS WEATHER SUMMARY

## MARCH 2024

HIGHEST MAXIMUM TEMPERATURE	15.3C (20TH)
HIGHEST MINIMUM TEMPERATURE	11.1C (15TH)
LOWEST MAXIMUM TEMPERATURE	07.1C (02ND)
LOWEST MINIMUM TEMPERATURE	-01.3C (06TH)
MEAN MAXIMUM TEMPERATURE	11.1C (10YR) 10.3C (36YR) 10.0C
MEAN MINIMUM TEMPERATURE	06.1C (10YR) 04.1C (36YR) 04.1C
MEAN TEMPERATURE FOR MONTH	08.6C (10YR) 07.2C (36YR) 07.0C
MAX DAILY TEMPERATURE RANGE	11.3C (06TH)
MEAN DAILY TEMPERATURE RANGE	04.9C
TOTAL RAINFALL FOR THE MONTH	195.1 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	129.3 MM
TOTAL RAINFALL (36 YRS LONG TERM AV)	95.5 MM
MAXIMUM RAINFALL IN 24 HOURS	21.8 MM (16TH)
RAIN DAYS (0.2MM OR MORE)	28
WET DAYS (1.0MM OR MORE)	26
DAYS WITH RAIN INCLUDED	28
DAYS WITH HAIL	04
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	02

MAXIMUM ATMOSPHERIC PRESSURE	1027.0 MB (21ST)
MINIMUM ATMOSPHERIC PRESSURE	965.0 MB (28TH)
MEAN ATMOSPHERIC PRESSURE	1002.4 MB (37YR MEAN) 1016.4 MB
MEAN SW SEA TEMP (MARCH 1986-2023 AV)	09.5C
10YR RUNNING MEAN SW SEA TEMP	09.9C
MEAN SW SEA TEMP MARCH 2024:	10.4C

### NOTES

SYNOPTIC SITUATION: ON THE 1ST A LOW (982MB) WAS OVER ANGLESEY TOGETHER WITH A SHOWERY SW AIRSTREAM TO THE SOUTH OF IT.

ON THE 2ND THE LOW (988MB) MOVED NW TO MANCHESTER AS A SHOWERY NW AIRSTREAM REVOLVED AROUND IT.

ON THE 3RD THERE WAS LITTLE CHANGE AS A WEAK RIDGE ARRIVED FROM THE WEST. THE LOW (992MB) WAS SLOW MOVING AT 57N/12W.

ON THE 4TH A NEW LOW (984MB) ARRIVED FROM THE SOUTHWEST TO BE (984MB) JUST WEST OF KERRY AT 1200 GMT.

ON THE 5TH A WEAK RIDGE PREVAILED BEFORE A WEAK WARM FRONT ARRIVED FOR THE 6TH.

THE 7TH SAW A HIGH (1035MB) SOUTHERN NORWAY AND A LOW (997MB) WEST OF NW PORTUGAL PRODUCING A FRESH SE GRADIENT.

ON THE 8TH THE HIGH (1031MB) MOVED TO THE NW OF NORWAY WHILE A LOW (980MB) AT 50N/20W WAS SLOW MOVING. THE MOIST, FRESH E/SE AIRSTREAM CONTINUED.

THE 9TH SAW THE LOW (974MB) MOVING TO SW BISCAY WHICH PUSHED AN OCCLUSION UP ACROSS SW ENGLAND.

BY THE 10TH THE LOW (994MB) HAD MOVED TO PLYMOUTH.

THE 11TH SAW A WEAK RIDGE.

ON THE 12TH A HIGH (1025MB) WAS SITUATED OVER NE SPAIN WHICH BROUGHT A BROAD WARM SECTOR UP ACROSS ENGLAND AND SOUTHERN IRELAND.

THERE WAS LITTLE CHANGE ON 13TH.

ON THE 14TH A WEAK OCCLUSION, THEN A WEAK COLD FRONT SLOWLY MOVED THROUGH.

BY THE 15TH AN OCCLUSION BECAME VERY SLOW MOVING AS THE MOIST SW AIRSTREAM CONTINUED.

ON THE 16TH THERE WAS VERY LITTLE CHANGE AS A NEW WARM FRONT BECAME SLOW MOVING FROM GALWAY TO DARTMOOR TO W AND SW FRANCE AS A BROAD WARM SECTOR MOVED IN FROM THE SOUTHWEST.

THE 17TH SAW THE VERY MILD AND MOIST SW AIRSTREAM CONTINUING.

THERE WAS VERY LITTLE CHANGE ON THE 18TH.

ON THE 19TH A LOW (1004MB) WEST OF PORTUGAL PUSHED A WARM FRONT UP FROM THE SOUTH.

BY THE 20TH A WEAK COLD FRONT OVER NORTH AND WEST CORNWALL DIED OUT AS A RIDGE ARRIVED FROM THE WEST.

ON THE 21ST A HIGH (1034MB) OVER THE AZORES PUSHED A RIDGE TO AND OVER SOUTHERN ENGLAND.

ON THE 22ND A COLD FRONT CLEARED EARLY AS A NW AIRSTREAM MOVED IN. A LOW (970MB) EAST OF ICELAND EDGED EAST SOUTHEASTWARDS.

ON THE 23RD A SHOWERY NW AIRSTREAM COVERED THE UK AS THE LOW (981MB) APPROACHED SW NORWAY.

THE 24TH SAW A WEAK RIDGE BEFORE A WARM FRONT ARRIVED FROM THE SW LATER.

ON 25TH A NEW LOW (989MB) WAS SITUATED OVER GALWAY WHICH PUSHED A FRONTAL SYSTEM INTO SW ENGLAND AND WALES.

BY THE 26TH THE LOW (982MB) WAS SLOW MOVING SOUTH OF CORK AS A SLIGHTLY SHOWERY AIRMASS REVOLVED AROUND IT.

BY THE 27TH THE LOW (962MB) HAD DEEPEDED AND PUSHED TWO OCCLUSIONS UP ACROSS SW ENGLAND, IRELAND AND WALES.

THE 28TH SAW THE LOW (963MB) JUST NW OF WEST CORNWALL AND A VERY SHOWERY SW AIRSTREAM.

ON THE 29TH THE LOW (974MB) STORM 'NELSON' HAD MOVED TO THE EAST OF ABERDEEN AS THE SHOWERY AIRSTREAM CONTINUED.

BY THE 30TH A NEW LOW (973MB) WEST OF IRELAND MOVED DOWN TO 50N/15W AS THE SHOWERY SW AIRSTREAM PERSISTED.

ON THE 31ST A LOW (987MB) TO THE SOUTH OF FALMOUTH PRODUCED A SE AIRSTREAM. AN OCCLUSION ARRIVED DURING THE EVENING.

THE MAIN ATLANTIC JET STREAM BECAME STRONGER DURING THE MONTH AND WAS MAINLY TO THE WEST, THE SOUTHWEST OR OVER THE UK.

MARCH WAS AGAIN VERY WET WITH OVER DOUBLE THE LONG TERM AVERAGE OF RAINFALL FOR THE MONTH.

RAINFALL WAS RECORDED ON EVERY DAY EXCEPTING THE 7TH!

THE WETTEST DAYS WERE THE 4TH (13.5MM), 9TH (16.5MM), 16TH (21.8MM), 25TH (17.0MM), 27TH (12.5MM) & 30TH (13.9MM).

IT WAS VERY MILD WITH THE MONTHLY MEAN TEMPERATURE BEING 1.6C ABOVE THE LONG TERM AVERAGE.

IT WAS OFTEN CLOUDY OR OVERCAST WITH VERY LIMITED SUNSHINE ON OFFER.

HAIL WAS RECORDED ON THE 1ST, 2ND, 27TH AND 28TH.

THE PREDOMINANT WIND DIRECTION WAS EQUALLY SOUTHWESTERLY AND SOUTHEASTERLY.

THE MAXIMUM (RECORDED) WIND GUST FOR THE MONTH WAS 22KT (25 MPH) ON THE 1ST AND THE 4TH.

IT WAS THE WETTEST MARCH SINCE 2023.

THE MEAN MIN. TEMPERATURE AND THE MEAN TEMPERATURE WERE THE HIGHEST IN MARCH SINCE 2017.

THE MEAN DAILY TEMPERATURE RANGE WAS THE LOWEST IN MARCH SINCE 2017.

THE MONTH SAW THE EQUAL LOWEST MINIMUM PRESSURE WITH MARCH 2008 AND ALSO THE HIGHEST MAX/MIN PRESSURE RANGE IN ANY MARCH SINCE 2008.

IT WAS ALSO THE LOWEST MEAN MONTHLY PRESSURE IN ANY MARCH 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) 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](http://www.wunderground.com)