

STITHIANS WEATHER SUMMARY

APRIL 2024

HIGHEST MAXIMUM TEMPERATURE	16.8C (12TH)
HIGHEST MINIMUM TEMPERATURE	12.1C (06TH)
LOWEST MAXIMUM TEMPERATURE	10.0C (27TH)
LOWEST MINIMUM TEMPERATURE	-00.1C (21ST)
MEAN MAXIMUM TEMPERATURE	13.0C (10YR) 12.6C (36YR) 12.1C
MEAN MINIMUM TEMPERATURE	06.8C (10YR) 04.5C (36YR) 04.5C
MEAN TEMPERATURE FOR MONTH	09.9C (10YR) 08.5C (36YR) 08.3C
MAX DAILY TEMPERATURE RANGE	15.4C (21ST)
MEAN DAILY TEMPERATURE RANGE	06.2C
TOTAL RAINFALL FOR THE MONTH	152.1 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	67.0 MM
TOTAL RAINFALL (36 YRS LONG TERM AV)	85.5 MM
MAXIMUM RAINFALL IN 24 HOURS	23.2 MM (29TH)
RAIN DAYS (0.2MM OR MORE)	19
WET DAYS (1.0MM OR MORE)	16
DAYS WITH RAIN INCLUDED	23
DAYS WITH HAIL	01
DAYS WITH THUNDER	00
DAYS WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	01

MAXIMUM ATMOSPHERIC PRESSURE	1030.0 MB (21ST)
MINIMUM ATMOSPHERIC PRESSURE	986.0 MB (08TH)
MEAN ATMOSPHERIC PRESSURE	1012.6 MB (37YR MEAN) 1014.8 MB
MEAN SW SEA TEMP (APRIL 1986-2023 AV)	10.2C
10YR RUNNING MEAN SW SEA TEMP	10.6C
MEAN SW SEA TEMP APRIL 2024:	11.0C

NOTES

SYNOPTIC SITUATION: ON THE 1ST A LOW (986MB) WAS SLOW MOVING TO THE WEST OF THE ISLES OF SCILLY AND A SHOWERY SE AIRSTREAM PREVAILED.

ON THE 2ND A LOW (989MB) AND AN OCCLUSION CAME UP FROM THE SOUTHWEST.

THE 3RD SAW A WEAK WARM FRONT MOVING UP FROM THE SOUTHWEST.

ON THE 4TH A LOW (973MB) AT 47.5N/21W PUSHED A WARM FRONT FROM THE SOUTHWEST.

BY THE 5TH A VERY MOIST SW AIRSTREAM COVERED THE REGION AS A LOW (956MB) STORM 'KATHLEEN' WAS DEVELOPING AT 43N/20W AND IT'S WARM FRONT WAS IN THE SOUTHWEST APPROACHES. AT 1800 GMT IT WAS 957MB AT 46N/18W AND AT 0000 GMT IT WAS 959MB AT 47.5N/16W.

ON THE 6TH AT 0600 GMT THIS LOW (956MB) STORM 'KATHLEEN' WAS AT 52N/15W AND AT 1200 GMT IT WAS 954MB AT 55N/15W. IT'S FRONTAL SYSTEM MOVED ACROSS THE REGION AND THE COLD FRONT CLEARED TO THE NE DURING EARLY EVENING. BY 0000 GMT THE LOW (953MB) WAS AT 58N/16W.

ON THE 7TH AT 1200 GMT EX-'KATHLEEN' WAS 960MB AT 59N/12W AND A SHOWERY SOUTHWESTERLY COVERED THE UK AND IRELAND.

THE 8TH SAW A LOW (990MB) COME UP FROM THE SOUTHWEST TO BE POSITIONED SW OF THE ISLES OF SCILLY AT 1200 GMT. THIS WAS LATER NAMED AS STORM 'PIERRICK' BY THE FRENCH MET SERVICE.

ON THE 9TH THIS LOW (994MB) HAD MOVED TO THE EAST OF SCOTLAND AS A RIDGE PUSHED IN FROM THE WEST.

ON THE 10TH THE RIDGE PERSISTED AS A WARM FRONT MOVED UP FROM THE SOUTHWEST.

ON THE 11TH A WARM FRONT WAS SLOW MOVING FROM LONDON TO NORTH DEVON TO SW IRELAND WITH A VERY MILD MOIST SW AIRSTREAM AFFECTING ALL AREAS.

ON THE 12TH THERE WAS A BROAD WARM SECTOR WITH A HIGH (1033MB) OVER MID FRANCE.

ON THE 13TH A HIGH (1028MB) PERSISTED WHILE A WEAK COLD FRONT MOVED SLOWLY SE ACROSS SW ENGLAND.

ON THE 14TH A RIDGE SLOWLY DECLINED AS A WESTERLY AIRSTREAM ARRIVED.

BY THE 15TH THERE WAS A SHOWERY W TO NW AIRSTREAM AS A LOW (991MB) NORTH OF SCOTLAND MOVED INTO THE NORTH SEA.

ON THE 16TH THE SLIGHTLY SHOWERY NW FLOW CONTINUED, BEFORE A RIDGE MOVED IN FOR THE 17TH. LATE IN THE DAY AN OCCLUSION MOVED SE AND CLEARED.

THE 18TH SAW A RIDGE OF HIGH PRESSURE PREVAIL. A WEAK OCCLUSION MOVED SOUTHWARDS AND CLEARED DURING THE 19TH. A HIGH (1028MB) PERSISTED SW OF IRELAND.

BY THE 20TH A HIGH (1031MB) HAD DEVELOPED OVER ANGLESEY WHICH DOMINATED THE WEATHER ACROSS THE UK AND IRELAND.

THERE WAS LITTLE CHANGE ON THE 21ST AND 22ND AS THE HIGH (1035MB) MOVED TO THE NW OF GALWAY.

ON THE 23RD THE HIGH (1033MB) NW OF GALWAY PERSISTED WHICH LINKED TO A HIGH (1033MB) SOUTH OF ICELAND. LOW PRESSURE CONTINUED OVER SCANDINAVIA. A WEAK OCCLUSION PASSED THROUGH FROM THE NORTH LATE AFTERNOON.

ON THE 24TH THE HIGH (1023MB) NW OF GALWAY DECLINED AS A NW AIRSTREAM CONTINUED.

ON THE 25TH A SLACK AREA OF LOW PRESSURE COVERED THE UK AND IRELAND.

ON THE 26TH A COMPLEX LOW (1000MB) DEVELOPED CLOSE TO THE ISLES OF SCILLY WHICH MOVED TO SE BISCAY BY THE 27TH AS AN OCCLUSION BECAME SLOW MOVING OVER SOUTH AND SOUTHWEST ENGLAND.

ON THE 28TH THERE WAS A WEAK RIDGE OF HIGH PRESSURE AS A LOW (997MB) REMAINED SLOW MOVING IN THE WESTERN MID NORTH SEA.

ON THE 29TH A LOW (996MB) NORTHERN IRELAND PUSHED AN OCCLUSION IN FROM THE WEST WHICH LATER BECAME SLOW MOVING.

THE 30TH SAW A LOW (998MB) SHANNON AIRPORT WHICH PUSHED A COLD FRONT AND A SHOWER TROUGH SLOWLY UP ACROSS SOUTHWEST ENGLAND. THESE CLEARED DURING THE AFTERNOON.

THE MAIN ATLANTIC JET STREAM WAS TO THE SOUTHWEST OF THE BRITISH ISLES DURING THE FIRST FIVE DAYS, THEN IT WAS OVER OR TO THE SOUTHWEST OF THE UK FOR THE FOLLOWING TWO WEEKS BEFORE TRANSFERRING TO THE WEST OR SOUTHWEST DURING THE LAST WEEK.

APRIL TURNED OUT TO BE ANOTHER VERY MILD AND WET MONTH WITH ALMOST DOUBLE THE LONG TERM AVERAGE OF RAINFALL RECORDED.

THE WETTEST DAYS WERE THE 01ST (10.1MM), THE 02ND (11.7MM), THE 03RD (10.0MM), THE 04TH (20.9MM), THE 06TH (11.3MM), THE 26TH (12.2MM) AND THE 29TH (23.2MM).

A DRIER SPELL OCCURRED FROM THE 18TH-24TH, OTHERWISE THERE WAS SOME RAIN RECORDED ON ALMOST ALL OF THE REMAINING DAYS.

TEMPERATURES WERE MOSTLY ABOVE NORMAL APART FROM THE LAST FEW DAYS WHEN IT WAS A LITTLE COLDER.

HAIL OCCURRED ON THE 26TH AT 1455 GMT, 1505-1515 GMT AND 1625 GMT.

THE MAXIMUM (RECORDED) WIND GUST FOR THE MONTH WAS 26KT (29 MPH) ON THE 8TH.

THE PREDOMINANT WIND DIRECTION WAS NORTHWESTERLY, FOLLOWED BY WESTERLY.

IT WAS THE WETTEST APRIL HERE SINCE 2012.

THERE WAS A NEW 'HIGHEST' MEAN MIN. TEMPERATURE FOR ANY APRIL ON RECORD HERE.

THE MONTH SAW THE HIGHEST MEAN TEMPERATURE FOR APRIL SINCE 2010 AND THE HIGHEST MIN. TEMPERATURE FOR ANY APRIL SINCE 2007, AS WELL AS THE HIGHEST MEAN SW SEA TEMPERATURE IN APRIL SINCE 2017.

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