

STITHIANS WEATHER SUMMARY

DECEMBER 2025

HIGHEST MAXIMUM TEMPERATURE	14.1C (09TH)
HIGHEST MINIMUM TEMPERATURE	12.4C (09TH)
LOWEST MAXIMUM TEMPERATURE	04.1C (25TH & 26TH)
LOWEST MINIMUM TEMPERATURE	-03.4C (31ST)
MEAN MAXIMUM TEMPERATURE	09.6C (10YR) 10.0C (37YR) 08.9C
MEAN MINIMUM TEMPERATURE	05.4C (10YR) 06.2C (37YR) 04.6C
MEAN TEMPERATURE FOR MONTH	07.5C (10YR) 08.1C (37YR) 06.7C
MAX DAILY TEMPERATURE RANGE	13.0C (17TH)
MEAN DAILY TEMPERATURE RANGE	06.1C
TOTAL RAINFALL FOR THE MONTH	257.7 MM
TOTAL RAINFALL (10 YRS RUNNING MEAN)	194.5 MM
TOTAL RAINFALL (37 YRS LONG TERM AV)	173.8 MM
MAXIMUM RAINFALL IN 24 HOURS	36.6 MM (14TH)
RAIN DAYS (0.2MM OR MORE)	21
WET DAYS (1.0MM OR MORE)	18
DAY WITH RAIN INCLUDED	23
DAY WITH HAIL	00
DAY WITH THUNDER	00
DAY WITH SLEET OR SNOW	SLT 00 / SNW 00
AIR FROSTS (-00.1C OR BELOW)	04

MAXIMUM ATMOSPHERIC PRESSURE	1034.0 MB (20TH)
MINIMUM ATMOSPHERIC PRESSURE	991.0 MB (05TH)
MEAN ATMOSPHERIC PRESSURE	1013.1 MB (37YR MEAN)
	1014.1 MB
MEAN SW SEA TEMP	
DECEMBER 1986-2024 AV)	11.5C
10YR RUNNING MEAN SW SEA TEMP	11.8C
MEAN SW SEA TEMP DECEMBER 2025:	12.3C

NOTES

SYNOPTIC SITUATION: ON 1ST A LOW (964MB) AT 57N/21W PUSHED A BROAD WARM SECTOR, THEN A WAVING COLD FRONT UP FROM THE S.W. WITH THIS CLEARING LATE-AFTERNOON. THE 2ND SAW A SHOWERY SOUTHWESTERLY AIRSTREAM. ON 3RD THIS SITUATION CONTINUED BEFORE AN OCCLUSION ARRIVED DURING THE EVENING. THE 4TH SAW A SHOWERY S.W. AIRSTREAM & ON 5TH AN ACTIVE FRONTAL SYSTEM MOVED UP FROM THE SOUTHWEST BEFORE CLEARING EARLY EVENING. THE 6TH SAW A SHOWERY S.W. AIRSTREAM AS A LOW (982MB) LINGERED AT 56N/16W. A NEW ACTIVE FRONTAL SYSTEM ARRIVED EARLY ON 7TH WITH THE COLD FRONT CLEARING EARLY AFTERNOON. ON 8TH AN OCCLUSION EDGED UP FROM THE SOUTH BEFORE AN ACTIVE WARM FRONT MOVED UP FROM THE SOUTHWEST DURING THE EVENING. A LOW (976MB) STORM 'BRAM' WAS AT 46N/20W AT 1800 G.M.T. (ON 8TH). THE 9TH SAW THE LOW (964MB) STORM 'BRAM', HAVING DEEPENED RAPIDLY, CENTRED TO THE WEST OF GALWAY AT 1200 G.M.T., WITH IT'S COLD FRONT CLEARING EASTWARDS ACROSS CORNWALL DURING THE AFTERNOON. ON 10TH THERE WAS A RIDGE OF HIGH PRESSURE. THE 11TH SAW A WAVING COLD FRONT EDGING IN FROM THE WEST & THIS CLEARED OVERNIGHT. ON 12TH A WEAK RIDGE OF HIGH PRESSURE PREVAILED & THIS INTENSIFIED ON 12TH. THERE WAS LITTLE CHANGE ON 13TH (& 14TH) BEFORE A WARM FRONT ARRIVED DURING THE EVENING OF 14TH. ON 15TH A WAVING COLD FRONT MOVED SLOWLY EASTWARDS, CLEARING EARLY AFTERNOON. THE 16TH SAW A WEAK RIDGE OF HIGH PRESSURE. ON 17TH A FRONTAL SYSTEM MOVED UP FROM

THE SOUTHWEST. THE 18TH SAW AN ACTIVE WAVE LOW MOVE UP FROM THE SOUTHWEST BEFORE THE COLD FRONT CLEARED DURING THE EVENING. THERE WAS A DECEMBER TURNED OUT TO BE A VERY WET MONTH SLIGHT RIDGE OF HIGH PRESSURE ON 19TH. ON 20TH A LOW (987MB) WEST OF IRELAND PUSHED A COLD FRONT UP FROM THE SOUTHWEST & THIS BECAME SLOW-MOVING. ON 21ST THERE WAS LITTLE CHANGE AS A SMALL LOW (1003MB) PERSISTED OVER THE ISLES OF SCILLY. THE 22ND SAW A LOW (995MB) TO THE WEST OF BRITTANY & THIS INTRODUCED A S.E. AIRSTREAM. THERE WAS LITTLE CHANGE ON 23RD. ON 24TH A WEAK COLD FRONT MOVED WESTWARDS & CLEARED AS PRESSURE ROSE STEADILY & A N.E. AIRSTREAM ARRIVED. THE 25TH SAW A HIGH (1041MB) FORM N.E. OF ABERDEEN & THIS LINKED TO A HIGH (1040MB) OVER NORTHERN GERMANY. ON 26TH THE HIGH (1040MB) MOVED TO THE S.W. OF ICELAND & THIS MAINTAINED A RIDGE TO & OVER DENMARK & GERMANY. A LOW (1008MB) WAS TO THE WEST OF N.W. SPAIN. BY 27TH THE BLOCKING HIGH (1048MB) OVER THE SHETLANDS PUSHED A WEAK COLD FRONT SOUTHWARDS OVER SCOTLAND. ON 28TH A WEAK COLD FRONT MOVED SOUTHWARDS OVER WEST CORNWALL AS A HIGH (1040MB) PERSISTED OVER THE SCOTTISH HIGHLANDS. ON 29TH A HIGH (1040MB) PERSISTED OVER ICELAND AS A WEAK COLD FRONT MOVED SOUTHWARDS DOWN OVER SCOTLAND & AS A N.E. AIRSTREAM CONTINUED OVER THE U.K. & IRELAND. THE 30TH SAW LITTLE CHANGE AS A BAND OF HIGH PRESSURE PERSISTED FROM SCOTLAND & TO THE S.W. OF ICELAND. ON 31ST A HIGH (1035MB) S.W. OF ICELAND EXTENDED A RIDGE TO & OVER IRELAND & ENGLAND. MEANWHILE, A FRONTAL SYSTEM WAS MOVING DOWN ACROSS SCOTLAND, FOLLOWED BY TWO MORE COLD FRONTS. THE MAIN ATLANTIC JET STREAM WAS EITHER OVER THE U.K. OR TO THE S.W. UP UNTIL THE 10TH. FROM 11TH-22ND IT WAS TO THE WEST OR OVER THE U.K. & FOR THE REMAINDER OF THE MONTH, IT WENT TO THE WEST, THEN N.W. & FINALLY TO THE NORTH FROM 27TH-31ST INCLUSIVE. DECEMBER TURNED OUT TO BE A VERY WET AND CHANGEABLE MONTH AND ALTHOUGH ALL MEAN TEMPERATURES WERE ABOVE THE LONG TERM AVERAGE, IT WAS STILL THE COLDEST DECEMBER HERE SINCE 2022. IT WAS ALSO THE WETTEST DECEMBER HERE SINCE 2020. THE HEAVIEST 24HR FALLS OF RAIN WERE 17.7MM ON 01ST, 32.8MM ON 05TH, 17.7MM ON 06TH, 34.8MM ON 08TH, 12.7MM ON 11TH, 36.6MM ON 14TH, 28.9MM ON 17TH, 12.7MM ON 20TH & 16.5MM ON 21ST. THE FINAL 10 DAYS OF THE MONTH WERE DRIER AS HIGH PRESSURE BECAME

ESTABLISHED. THE 09TH SAW A NEW RECORD HIGH MAXIMUM TEMPERATURE (14.1C) FOR ANY DECEMBER SO FAR RECORDED HERE. THE PREDOMINANT WIND DIRECTION WAS SOUTHERLY & THE MAXIMUM (MEASURED) WIND GUST FOR THE MONTH WAS 27KT (31 M.P.H.) AT 1314 G.M.T. ON 07TH. THE MEAN S.W. SEA TEMPERATURE WAS EQUAL HIGHEST WITH DECEMBER 2015. THE YEAR AS A WHOLE WAS VERY INTERESTING! FIRSTLY, THE TOTAL RAINFALL FOR THE YEAR WAS ALMOST EXACTLY THE SAME TOTAL (1622.2MM) AS IN 2024 (1622.5MM). (I HAD TO DOUBLY CHECK THESE FIGURES TO MAKE SURE THAT IT WAS NOT A MISTAKE!). THERE WAS ALSO THE LOWEST NUMBER OF DAYS WITH RAIN INCLUDED (233 DAYS) SINCE 2010 (218 DAYS). THE MEAN MAX. TEMPERATURE WAS THE HIGHEST SINCE 2023 (14.7C), THE MEAN MIN. TEMPERATURE WAS THE SAME AS IN 2022 (07.9C) & THE MEAN TEMPERATURE WAS THE SAME AS IN 2024 (11.3C). THE (MEAN) HIGHEST MINIMUM TEMPERATURE IS A NEW RECORD HIGH (14.0C). THE MEAN S.W. SEA TEMPERATURE IS EQUAL WITH 2022 (13.7C) & THIS IS THE EQUAL HIGHEST VALUE RECORDED SO FAR.

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