

The Weather of September, October and November

WET BUT SUNNY GENERALLY; TEMPERATURES CLOSE TO NORMAL

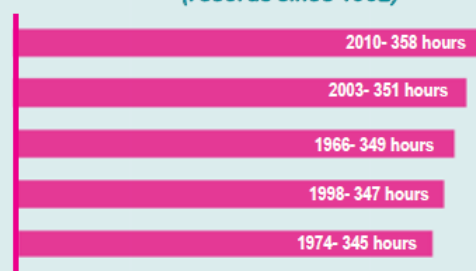
Mean air temperatures for the season were close to normal generally, but extremely cold weather at the end of November brought mean seasonal values below normal at some stations. September was a warm month, while October mean values were close to normal and November was the coldest since 1985. There were spells of warm weather each month, particularly during the respective first weeks. The warmest period was during early September, when the season's highest values of between 20°C and 24°C were recorded. In contrast, record low temperatures for autumn were observed during late November at some eastern and southeastern stations, when air temperatures fell close to -10°C and ground temperatures below -13°C. There was a total of between 22 and 35 ground frosts during the season in eastern and midland areas, well above the normal autumn range of between 12 and 24 ground frosts.

Rainfall totals for autumn were above normal almost everywhere. Totals for both September and November were above normal except in the south, while October was a dry month everywhere. There were spells of dry weather each month, however, and much of the seasonal total at each station resulted from relatively

few heavy daily falls. These occurred particularly on September 6th/7th, September 22nd, October 29th and November 7th. Knock Airport's fall of 86.5mm on September 6th was its highest daily value for any month since rainfall records began there in 1988, while Mullingar also recorded its highest ever autumn fall of 59.4mm on the same day. Most stations recorded between 42 and 52 wetdays during the 3-month period, close to the normal number for autumn.

Sunshine totals for the season were well above normal everywhere, continuing the trend of sunnier than normal weather during 2010. Each month of autumn was sunnier than normal almost everywhere and Cork Airport's 3-month total of 358 hours was its highest for autumn since records began there in 1962. Not surprisingly, the highest daily values were measured in early September, and Dublin Airport's value of 12.3 hours on September 2nd was its highest for autumn since 2000.

Sunniest Autumns on record at Cork Airport (records since 1962)



Highest autumn sunshine total in Ireland: 428 hours at Rosslare in 1959

County/ Station	RAINFALL (mm)			TEMPERATURE (°C)				SUNSHINE (HOURS)			NO. OF DAYS WITH:					
	Total	% of average	Most in a day amount date(s)	Mean	diff. from average	Extremes Highest Lowest	Daily mean	% of average	Most in a day amount date(s)	Rain	Snow	Air frost	Hail	Thunder	Fog	Gale gusts
CO. CARLOW Carlow (Oak Park)	265.2	118	47.1 6 Sep	10.0	+0.1	22.4 -6.4				59	12					5
CO. CAVAN Ballyhaise	326.3	137	56.2 6 Sep	9.0		22.3 -6.5				59	16					7
CO. CLARE Shannon Airport	349.0	128	42.4 7 Sep	10.5	-0.3	22.0 -6.6	3.41	121	10.5 3 Sep	64	2	8	0	0	14	13
CO. CORK Cork Airport	285.0	85	31.4 31 Oct	10.0	-0.3	20.8 -3.3	3.93	128	11.3 11 Sep	68	3	4	0	0	18	16
Roche's Point	245.6	92	31.4 29 Oct	11.1	0.0	19.9 -1.8				57	3					20
CO. DONEGAL Malin Head	328.2	101	37.7 6 Sep	10.6	+0.1	22.5 1.1	3.00	118	10.7 2 Sep	63	1	0	8	0	0	53
CO. DUBLIN Dublin Airport	235.1		20.5 6 Sep	9.6		20.9 -8.4	3.91	120	12.3 2 Sep	57	4	12	4	3	6	15
Casement Aerodrome	260.4	126	29.8 22 Sep	9.7	-0.3	22.3 -9.1	3.76	120	11.7 2 Sep	54	4	15	5	4	6	21
CO. KERRY Valentia Observatory	432.5	103	29.3 7 Nov	11.5	0.0	21.1 -3.1	3.30	123	9.5 17 Sep	69	2	4	4	3	0	23
CO. MAYO Belmullet	432.4	125	42.1 7 Sep	11.0	+0.1	22.4 -4.5	3.36	121	9.6 11 Oct	71	5	4	8	1	2	39
Knock Airport	435.7		86.5 6 Sep	8.9		21.7 -4.5	3.32	109	11.4 3 Sep	62	3	7	1	0	29	21
CO. TIPPERARY Gurteen	287.7		21.4 4 Sep	9.4		22.0 -6.5				67	14					5
CO. WESTMEATH Mullingar	349.0	130	59.4 6 Sep	9.2	-0.1	21.9 -5.3				60	15					4
CO. WEXFORD Johnstown Castle	327.9	108	60.5 6 Sep	10.6	-0.2	19.5 -4.6				62	5					6