MONTHLY WEATHER BULLETIN NO. 312

APRIL 2012



A solar halo, an optical phenomenon created by the passing of light through ice crystals became evident as a warm front approached Mizen Head-Ireland's most southwesterly point during the first few days of the month. (Picture courtesy Tom Mitchell)

COOL EVERYWHERE; WET AND SUNNY IN PLACES

Rainfall was below average in the West and in parts of the North and South, with many stations in these areas only reporting around threequarters of their long-term average (LTA) for the time of year. In contrast, the East, Southeast and some areas in the South reported the highest



INSIDE **Special Feature** Hail-Page 3



WIND & ELEMENTS	4
UPPER ATMOSPHERE	5
LABORATORY	6
AGMET 6	17

DAILY WEATHER..... 8 RAINFALL 10



Temperature

SUNSHINE	14
MARINE & PRESSURE	15
WORLD WEATHER	16

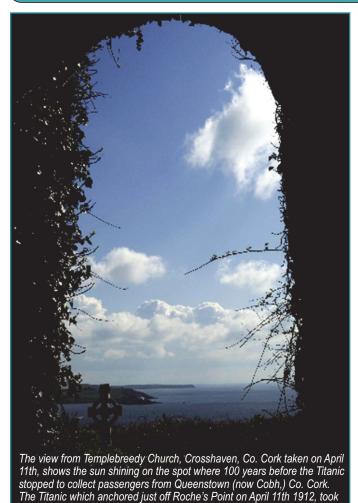
Produced by Met Éireann, Glasnevin Hill, Dublin 9. Annual subscription €80 (excluding VAT of 23%)



or free online at www.met.ie All data is correct at time of publication For more information or for data enquires e-mail: climate.enquiries@met.ie

> tel: +353-1-8064260 fax: +353-1-8064216

2 APRIL 2012



rainfall relative to average, with stations in the Kildare area reporting over double their LTA for the month. This month, stations in the Dublin area attributed nearly a quarter of their April rainfall totals to heavy rain on the 25th. Dublin Airport and Casement Aerodrome reported falls of 24.8 mm and 26.5 mm, respectively, their highest daily rainfalls recorded at the sites during April since 1998 (14 years). Mean temperatures for April were all below average and were the lowest in at least 12 to 26 years, countrywide. Most deviations from average ranged between -1.0°C to -1.5°C, except in coastal areas where differences from average were smallest. Mean maximum air temperatures were below average, with highest maximums the lowest in a number of years. Casement Aerodrome's highest maximum temperature of 13.1°C, was its lowest April maximum since the station opened in 1964 (48 years). Mean minimum air temperatures were also below average, with many lowest minimums countrywide the lowest in at least six to 11 years. The month's lowest grass minimum temperature was -10.4°C at Straide, Co. Mayo with the other grass minimum temperatures at Cork Airport and Shannon Airport of -5.3°C and -7.2°C the lowest in six and 12 years, respectively. Sunshine totals were above average everywhere except the Southeast with highest percentage of average

on 138 passengers, before heading towards New York (Picture courtesy

values recorded in the West and Northwest. Belmullet reported around 205 hours of sunshine, 128% of its LTA and its sunniest April since 1974 (38 years) while stations in the Dublin area reported their dullest April since 2005 (7 years).

1st to 7th: Sunshine in parts but mainly dry, cold and clear, with a few nights of air and ground frost. Intermittent periods of rain, drizzle and scattered showers across the country. Some showers contained hail and in the East, sleet. Winds were mainly light to moderate, sometimes fresh, northwest to northeast in direction with gale gusts recorded in most places.

8th to 15th: Few days with milder weather. Unsettled weather at times with rain, drizzle and showers. Showers, some heavy and persistent with thunder and hail especially in the East. Dry and clear in between, recording good sunshine with few air and ground frosts. Winds were mainly northwesterly, light to moderate, with a few gale gust along southwest coasts.

16th to 24th: More unsettled weather, with rain, drizzle and showers, countrywide. Some thundery downpours in parts with hail. Dry with sunny spells otherwise, with low night-time temperatures recording ground frost in some areas. Winds were variable in direction, mainly moderate to fresh with gale gusts reported everywhere.

25th to 30th: Bands of rain with heavy bursts on the 25th and 26th, bringing over 20 mm in parts of the East and Southeast. Light rain and few showers otherwise, cool and cloudy with few sunny spells. Winds were mainly moderate to strong, north to northeast with gale gusts.

Wind and elements: Mean windspeeds for the month were between six and 14 knots (11 and 26km/h). Gales were reported on 7 days with gale gusts reported on over a third of the days. The month's highest gust of 57 knots (103km/h) was recorded at Sherkin Island on the 17th. Thunderstorms and/or hail were recorded on at least half the days with reports of snow in the East and West between the 3rd and the 5th. Fog was reported on the 6th, 14th and 16th the West and South. Days with air frost ranged from one at numerous stations mainly in the Midlands to 12 at Glenties Hatchery, Co. Donegal, its highest amount of air frost during April since 1986 (26 years). Number of days with ground frost ranged between two at Valentia Observatory and 24 at Derrygreenagh, Co. Offaly, its highest amount for April since 1991 (21 years).

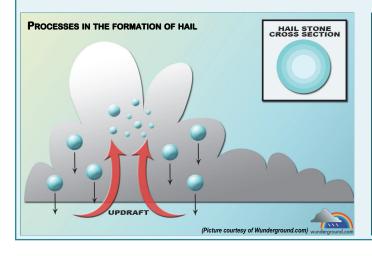
HAIL

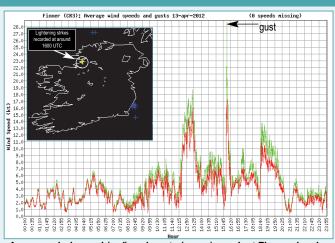
Hail is a form of solid precipitation which forms only within cumulonimbus clouds. Cumulonimbus clouds commonly known as the thunderstorm clouds are associated with the weather phenomenon of rain, snow, hail, lightening, thunder, funnel clouds and tornadoes. These clouds which occur at any time of the year, start as cumulus clouds, but grow into towering vertical clouds due to instability in the air. Vertical growth continues until their tops reach the upper altitudes where the cloud is forced to flatten out into an anvil like shape. Vertical movement of air within the cloud due to the rising of relatively warm air from base and sinking of cold air from the top form winds known as updrafts and downdrafts, which are responsible for the formation of hail.



Pictured above: This image of well developed cumulonimbus cloud was taken at Portlaoise in late April and is characterised by its flat anvil top. These anvils form when the cloud reaches the top of the troposphere, at which point it cannot rise anymore and spreads outwards into the anvil like shape due to wind shear. (Picture courtesy Emily Gleeson)

Most hailstones form when water droplets within the lower region of the cloud are caught by updrafts and carried to the top. Here, the surrounding temperature is below freezing and the water droplet freezes, before falling towards the base due to downdrafts and gravity. Near the base, the frozen droplet is caught again by updrafts and carried upwards, encountering





Average wind speed (red) and gusts (green) graph at Finner showing a high gust at time of the hail shower. Sferics data (black image) show lightening strikes in the area confirming cumulonimbus activity.

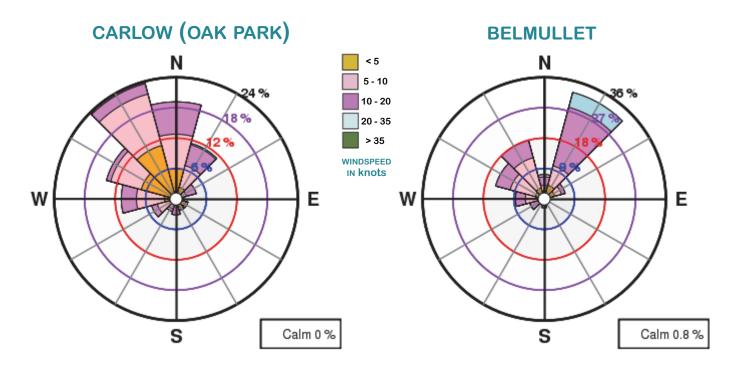
moisture as it travels, which attaches to the droplet and freezes, adding a layer. Each time the frozen droplet or hail is thrown to the top of the cloud another layer of moisture is added and frozen, increasing the size of the hail and giving it a concentric layered appearance. If the updrafts are strong, this repetitive cycle will continue for long periods, until the updrafts are too weak to support the weight of the hail. The hail then falls to earth, bringing with it cold strong downdrafts, causing gusts of wind and drops in air temperature.

On Friday, April 13th unstable air in the Northwest of Ireland allowed for the formation of cumulonimbus clouds, and for the development of some sizable hail near Ballyshannon, Co. Donegal. The hail which fell during a thunderstorm at around 16:10 UTC, was nearly three centimetres in diameter, bigger than a 50 cent piece and possibly once of the largest pieces of hail recorded in Ireland. The hail shower also recorded a 5°C degree drop in air temperature and a gust of 29 knots at the nearby meteorological station of Finner.

Pictured below: The hail at Ballyshannon on the 13th placed beside at 50 cent piece and on a ruler for comparison. (Picture courtesy of Kenneth McDonagh)

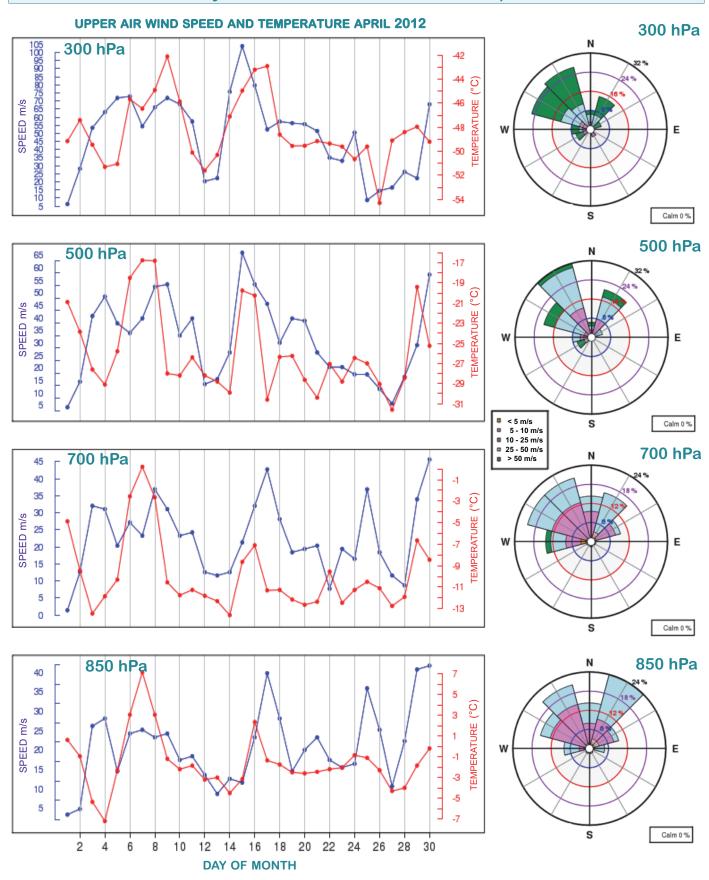


	WIND (knots)											ELEMENTS (no.of days)					
COUNTY / STATION	MEAN Speed	MAX. 10-		MEAN Date/Hour	NID	MAX.	GUST Date/Time	DAYS		HOURS WITH	CNOW	SNOW LYING	LIAII	THUNDED	FOG		
	SPEED	DIK. SPE	ו עם:	DATE/HOUR	DIK.	SPEED	DATE/TIME	GALES G	ALE GUSTS	GALE GUSTS	SNOW	SNOW LYING	MAIL	IHUNDEK	100		
CO. CARLOW		0															
OAK PARK	7.5		23	4/12	10°	41	29/1236	0	2	9							
CO. CAVAN		20°	23	29/13													
BALLYHAISE	6.5	40°	20	29/14	30°	2 /	25/1650	0	1	1							
CO. CLARE	0.5	40	20	23/14	30	34	23/1030	"	1	1							
SHANNON AIRPORT	9.8	230°	31	17/11	220°	15	17/1017	0	7	21	0	0	4	1	0		
CO. CORK]	230	JI	1//11	220	13	1//101/	"	,	21	"	U	1	1			
ROCHE'S POINT	13.5	320°	37	18/01	270°	51	17/1535	2	10	61							
CORK AIRPORT	11.3		33	4/11	260°		17/1522	0	10	42	0	0	2	0	2		
OUTER HEREOTE	1110			17/16	200	10	17,1022		10	12			-		-		
CO. DONEGAL		200		11/10													
MALIN HEAD	14.4	40°	38	25/19	40°	46	25/2007	3	8	78							
					30°		26/0007										
CO. DUBLIN																	
DUBLIN AIRPORT	11.6	60°	31	25/13	60°	45	25/1234	0	7	57	2	0	7	2	0		
CASEMENT	9.1	240°	32	17/01	240°	46	17/0035	0	6	31	2	0	8	2	0		
CO. KERRY																	
VALENTIA OBSERVATORY	11.2	250°	32	17/18	280°	49	17/2023	0	11	62							
CO. MAYO																	
BELMULLET	10.6			25/17	210°	49	16/2052	0	9	89	0	0	9	0	0		
			30	26/01													
KNOCK AIRPORT	9.2		23	3/13	360°	37	26/1332	0	4	19	1	0			1		
		10°	23	26/12													
CO. MEATH																	
DUNSANY	8.1	50°	27	25/12	40°	40	25/1227	0	2	11							
CO. TIPPERARY		0								_							
GURTEEN (AG. COLLEGE)	8.2	40°	24	29/18	220°	47	16/2311	0	3	7							
CO. WESTMEATH		0000	1.7	E /10	0700	2.2	E /1000										
MULLINGAR	5.9	280°	17	7/13	270°	33	7/1333	0	0	0							
CO. WEXFORD		F 0 0	20	05/10	F ^ 0	20	05/1046		_	_							
JOHNSTOWN CASTLE	6.3	50°	20	25/12	50°	32	25/1246	0	0	0							

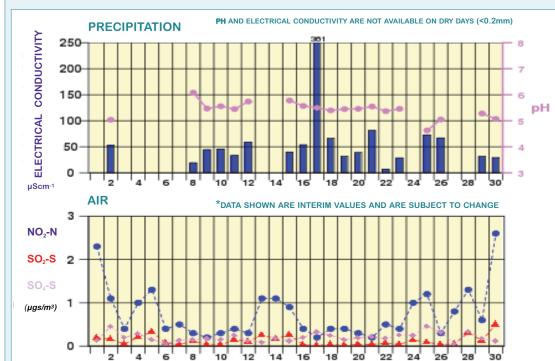


PERCENTAGE FREQUENCY OF WIND DIRECTION

Upper Atmosphere wind and temperature readings are made at Valentia Observatory four times daily by a radiosonde (a balloon with instruments attached). Shown below are daily average windspeeds and temperatures at defined pressure levels, 850, 700, 500 and 300 hPa, corresponding approximately to heights of 1,500, 3,000, 6,000 and 10,000 metres. Monthly windroses are also shown for each pressure level.



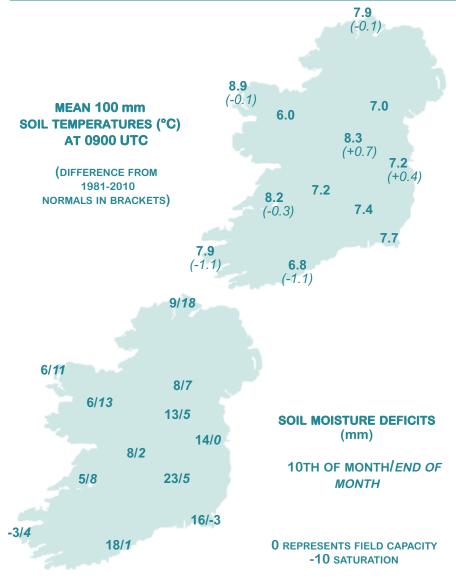




Acid rain occurs when pollutants combine with moisture in the air to form sulphuric or nitric acid. pH is the simplest way of measuring the acidity of precipitation. Usually pH of 7.00 is considered neutral but this is not the case in rainfall samples. Pure water in the atmosphere has an equilibrium pH value of 5.65 at 20°C owing to carbon dioxide in the air dissolving to form carbonic acid. Any value below pH 5.65 is considered acid while any value above is considered alkaline.

Sulphur dioxide and sulphate in air contribute to the formation of sulphuric acid; nitrate in air contributes to the formation of nitric acid.

Conductivity measures the total ion activity in the rainfall, i.e. the higher the conductivity the greater the number of ions present.



MEAN SOIL TEMPERATURES (°C) AT 0900 UTC

CO. CARLOW CARLOW (OAK PARK) CO. CAVAN BALLYHAISE CCO. CLARE SHANNON AIRPORT CARRON CO. COKK ROCHE'S POINT FERMOY (MOOREPARK) COK AIRPORT SHERKIN ISLAND BALLINCURRIG (PEAFIELD) CO. DOMEGAL MALIN HEAD CO. DUBLIN PHOENIX PARK PHOENIX PARK CASEMENT AERODROME CO. KERRY VALENTIA OBSERVATORY CO. LIMERICK MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WATERFORD DUNGARVAN (CARRIGLEA) CO. WESTMEATH MULLINGAR CO. WICKLOW ASHFORD (CRONYKEERY) P. 1 9.4 10.2	COUNTY/STATION	100 mm 2	200 mm	300
CO. CAVAN BALLYHAISE 7.0 7.6 8.6 CO. CLARE SHANNON AIRPORT 8.2 8.6 9.7 CARRON 8.3 9.5 CO. CORK ROCHE'S POINT 7.6 8.4 8.7 FERMOY (MOOREPARK) 8.0 8.4 9.1 CORK AIRPORT 6.8 7.5 9.1 SHERKIN ISLAND 8.6 9.3 9.8 BALLINCURRIG (PEAFIELD) 6.9 6.9 9.1 CO. DONEGAL MALIN HEAD 7.9 8.6 9.2 CO. DUBLIN CO. DUBLIN CO. ERRY CASEMENT AERODROME 7.2 7.4 8.8 CO. KERRY VALENTIA OBSERVATORY 7.9 8.6 10.0 CO. LIMERICK CO. MAYO CO. LIMERICK 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTOND JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW CO. WIC	CO. CARLOW			
CO. CAVAN BALLYHAISE 7.0 7.6 8.6 CO. CLARE SHANNON AIRPORT 8.2 8.6 9.7 CARRON 8.3 9.5 CO. CORK ROCHE'S POINT 7.6 8.4 8.7 FERMOY (MOOREPARK) 8.0 8.4 9.1 CORK AIRPORT 6.8 7.5 9.1 SHERKIN ISLAND 8.6 9.3 9.8 BALLINCURRIG (PEAFIELD) 6.9 6.9 9.1 CO. DONEGAL MALIN HEAD 7.9 8.6 9.2 CO. DUBLIN CO. DUBLIN CO. ERRY CASEMENT AERODROME 7.2 7.4 8.8 CO. KERRY VALENTIA OBSERVATORY 7.9 8.6 10.0 CO. LIMERICK CO. MAYO CO. LIMERICK 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTOND JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW CO. WIC	CARLOW (OAK PARK)	7.4	7.9	
CO. CLARE SHANNON AIRPORT S.2 S.6 9.7				
SHANNON AIRPORT CARRON CO. CORK ROCHE'S POINT FERMOY (MOOREPARK) CORK AIRPORT SHERKIN ISLAND BALLINCURRIG (PEAFIELD) CO. DONEGAL MALIN HEAD CO. DUBLIN PHOENIX PARK DUBLIN AIRPORT CASEMENT AERODROME CO. KERRY VALENTIA OBSERVATORY CO. LIMERICK MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WESTMEATH MULLINGAR CO. WESTMEATH MULLINGAR CO. WESTMEATH MULLINGAR CO. WESTMEATH JOHN T. KENNEDY PARK CLONROCHE (KNOXTOWN) CO. WICKLOW R. 3 8. 3 9. 7 8. 4 8. 6 9. 7 9. 7 8. 6 9. 7 9. 8. 6 9. 7 9. 8. 6 9. 7 9. 8. 6 9. 2 7. 9 8. 6 9. 7 9. 8 9. 10. 2 11. 3 8. 3 9. 0 9. 7 8. 3 9. 0 9. 7 8. 3 9. 0 9. 7	BALLYHAISE	7.0	7.6	8.6
CARRON CO. CORK ROCHE'S POINT FERMOY (MOOREPARK) CORK AIRPORT SHERKIN ISLAND BALLINCURRIG (PEAFIELD) CO. DONEGAL MALIN HEAD CO. DUBLIN PHOENIX PARK DUBLIN AIRPORT CASEMENT AERODROME CO. KERRY VALENTIA OBSERVATORY CO. LIMERICK MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WEXTMEATH MULLINGAR CO. WESTMEATH MULLINGAR CO. WEXFORD JOHNSTOWN CASTLE JOHN F. KENNEDY PARK 8.6 8.3 9.6 CLONROCHE (KNOXTOWN) CO. WICKLOW 8.3 9.5 8.4 8.6 9.2 9.2 9.2 9.2 9.1 9.2 9.3 9.4 9.2 9.2 9.2 9.2 9.2 9.2 9.3 9.4 9.2 9.2 9.2 9.2 9.2 9.3 9.4 9.2 9.2 9.2 9.2 9.2 9.3 9.4 9.5 9.5 9.5 9.5 9.5 9.6 9.7 9.7 9.8 9.6 9.7 9.7 9.8 9.7 9.7 9.8 9.7 9.7 9.8 9.7 9.8 9.7 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8	CO. CLARE			
CO. CORK ROCHE'S POINT 7.6 8.4 8.7	SHANNON AIRPORT	8.2	8.6	9.7
ROCHE'S POINT 7.6 8.4 8.7 FERMOY (MOOREPARK) 8.0 8.4 9.1 CORK AIRPORT 6.8 7.5 9.1 SHERKIN ISLAND 8.6 9.3 9.8 BALLINCURIG (PEAFIELD) 6.9 6.9 9.1 CO. DONEGAL MALIN HEAD 7.9 8.6 9.2 CO. DUBLIN PHOENIX PARK 7.9 8.7 9.2 DUBLIN AIRPORT 6.9 7.5 8.4 CASEMENT AERODROME 7.2 7.4 8.8 CO. KERRY VALENTIA OBSERVATORY 7.9 8.6 10.0 CO. LIMERICK MOUNTRUSSELL 6.6 7.8 CO. MAYO BELMULLET 8.9 10.2 11.3 STRAIDE 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 9.0 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CO. WICKLOW	CARRON	8.3		9.5
SERMOY (MOOREPARK) 8.0	CO. CORK			
CORK AIRPORT SHERKIN ISLAND BALLINCURRIG (PEAFIELD) CO. DONEGAL MALIN HEAD CO. DUBLIN PHOENIX PARK DUBLIN AIRPORT CASEMENT AERODROME CO. LIMERICK MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WATERFORD DUNGARVAN (CARRIGLEA) CO. WESTMEATH MULLINGAR CO. WESTMEATH MULLINGAR CO. WEXFORD JOHNSTOWN CASTLE JOHN F. KENNEDY PARK CLON WICKLOW CO. WESTMEATH CO. WICKLOW C	ROCHE'S POINT			
SHERKIN ISLAND 8.6 9.3 9.8	FERMOY (MOOREPARK)	8.0		
SHERKIN ISLAND 8.6 9.3 9.8	CORK AIRPORT	6.8	7.5	9.1
CO. DONEGAL MALIN HEAD 7.9 8.6 9.2	SHERKIN ISLAND	8.6	9.3	9.8
MALIN HEAD 7.9 8.6 9.2 CO. DUBLIN PHOENIX PARK 7.9 8.7 9.2 DUBLIN AIRPORT 6.9 7.5 8.4 CASEMENT AERODROME 7.2 7.4 8.8 CO. KERRY VALENTIA OBSERVATORY 7.9 8.6 10.0 CO. MAYO BELMULLET 8.9 10.2 11.3 STRAIDE 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WESTMEATH JOHN F. KENNEDY PARK 8.6 9.5 10.9 CO. WICKLOW	BALLINCURRIG (PEAFIELD)	6.9	6.9	9.1
CO. DUBLIN PHOENIX PARK 7.9 8.7 9.2 DUBLIN AIRPORT 6.9 7.5 8.4 CASEMENT AERODROME 7.2 7.4 8.8 CO. KERRY VALENTIA OBSERVATORY 7.9 8.6 10.0 CO. LIMERICK MOUNTRUSSELL 6.6 7.8 CO. MAYO BELMULLET 8.9 10.2 11.3 STRAIDE 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 9.3 9.0 CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6<	CO. DONEGAL			
PHOENIX PARK 7.9 8.7 9.2	MALIN HEAD	7.9	8.6	9.2
DUBLIN AIRPORT 6.9 7.5 8.4	CO. DUBLIN			
CASEMENT AERODROME CO. KERRY VALENTIA OBSERVATORY CO. LIMERICK MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WATERFORD DUNGARVAN (CARRIGLEA) CO. WESTMEATH MULLINGAR CO. WESTMEATH MULLINGAR CO. WEXFORD JOHNSTOWN CASTLE JOHN F. KENNEDY PARK CLONROCHE (KNOXTOWN) CO. WICKLOW 7.2 7.4 8.8 8.9 10.2 11.3 8.3 6.0 7.0 8.1 7.7 8.3 9.0 9.7 8.3 9.0 9.7	PHOENIX PARK	7.9	8.7	9.2
CO. KERRY		6.9	7.5	8.4
VALENTIA OBSERVATORY 7.9 8.6 10.0	CASEMENT AERODROME	7.2	7.4	8.8
CO. LIMERICK MOUNTRUSSELL 6.6 7.8 CO. MAYO 8.9 10.2 11.3 BELMULLET 8.9 10.2 11.3 STRAIDE 8.3 KNOCK AIRPORT 6.0 7.0 8.1 CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WESTHEATH 8.3 9.0 9.7 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW 8.3 9.3 9.6				
MOUNTRUSSELL CO. MAYO BELMULLET STRAIDE KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) FETHARD (PARSONSHILL) CO. WATERFORD DUNGARVAN (CARRIGLEA) CO. WESTMEATH MULLINGAR CO. WEXFORD JOHNSTOWN CASTLE JOHN F. KENNEDY PARK CLONROCHE (KNOXTOWN) CO. WICKLOW B. 9.0 CO. WICKLOW 10.2 11.3 8.3 7.0 8.1 7.7 8.3 9.0 9.7 7.8 8.3 9.0 9.7	VALENTIA OBSERVATORY	7.9	8.6	10.0
### CO. MAYO BELMULLET	CO. LIMERICK			
BELMULLET		6.6	7.8	
STRAIDE	CO. MAYO			
KNOCK AIRPORT CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3	BELMULLET	8.9	10.2	11.3
CO. TIPPERARY GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 9.0 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW				
GURTEEN (AG.COLLEGE) 7.2 7.7 8.3 FETHARD (PARSONSHILL) 7.0 8.1 CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 9.0 CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW		6.0	7.0	8.1
FETHARD (PARSONSHILL) 7.0 8.1				
CO. WATERFORD DUNGARVAN (CARRIGLEA) 8.3 9.0 CO. WESTMEATH 8.3 9.0 9.7 WULLINGAR 8.3 9.0 9.7 CO. WEXFORD 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW 8.3 9.3 9.6	, ,			8.3
DUNGARVAN (CARRIGLEA) CO. WESTMEATH MULLINGAR CO. WEXFORD JOHNSTOWN CASTLE JOHN F. KENNEDY PARK CLONROCHE (KNOXTOWN) CO. WICKLOW 8.3 9.0 9.7 7.7 7.8 8.3 9.10 9.5 10.9 9.6	,	7.0	8.1	
CO. WESTMEATH MULLINGAR 8.3 9.0 9.7 CO. WEXFORD 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW				
MULLINGAR 8.3 9.0 9.7 CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW			8.3	9.0
CO. WEXFORD JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW				
JOHNSTOWN CASTLE 7.7 7.8 8.3 JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW 9.3 9.6		8.3	9.0	9.7
JOHN F. KENNEDY PARK 8.6 9.5 10.9 CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW				
CLONROCHE (KNOXTOWN) 8.3 9.3 9.6 CO. WICKLOW			7.8	8.3
CO. WICKLOW		1		
		8.3	9.3	9.6
ASHFORD (CRONYKEERY) 9.1 9.4 10.2				
	ASHFORD (CRONYKEERY)	9.1	9.4	10.2

10-DAY VALU		RAIN (m	FALL m)					TEMI		ATI	URE							SUNSI (hou	
SELECTI AGROMETEORO STATION STATION	LOGICAL	AMOUNT %, OF AVERAGE	RAIN DAYS WET DAYS	MEAN MAX.	MEAN MIN.	MEAN DAILY	DIFF. FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS > 4.4°C	DEGREE DAYS > 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND	MEAN 10CM AT 0900H	MEAN 30CM AT 0900H	TOTAL NO. OF HOURS	% of average
CO. CORK BALLINCURRIG	1-10 11-20 21-END MONTH	11.6 - 33.7 - 57.9 - 103.2 12	5 3 8 7 9 8 2 22 18	12.1 12.4 11.2 11.9	3.3 2.4 3.4 3.0	7.7 7.4 7.3 7.5	- - -0.6	-1.1 -1.0 0.0 -1.1	4 15 28 4	1 1 0 2 :	39 35 32 106	6 6 4 16	-1.8 -1.3 -0.5 -1.8	4 15 28 4	4 1 1 6	7.1 6.4 7.3 6.9	9.4 9.0 9.0 9.1	48.8 79.6 41.4 169.8	- - - 103
CO. DONEGAL GLENTIES	1-10 11-20 21-END MONTH	46.4 - 28.5 - 20.1 - 95.0 9	9 9 8 3 6 5 3 23 17	10.2 12.5 12.3 11.7	3.5 0.3 1.1 1.6	6.9 6.4 6.7	- - -1.4	-1.8 -2.9 -2.5 -2.9		2 6 4 12	30 30 32 92	1 6 6 14	-6.5 -6.8 -7.0 -7.0	29	5 9 9	- - -	- - -	- - -	- - -
CO. KERRY ARDFERT	1-10 11-20 21-END MONTH	37.7 - 34.7 - 28.8 - 101.2 14	7 6 7 6 6 6 20 18	11.7 12.1 12.3 12.1	4.3 3.3 4.0 3.8	8.0 7.7 8.2 8.0	- - -1.1	-2.6 -1.2 -1.4 -2.6	5 15 28 5	2 1 2 5 :	40 37 40 116	5 5 6 16	-3.9 -2.4 -3.1 -3.9	5 15 28 5	2 2 2 6	- - -	- - -	44.7 61.4 55.7 161.8	- - - 99
CO. MONAGHAN CARRICKMACROSS	1-10 11-20 21-END MONTH	12.2 - 24.2 - 15.9 - 52.3 8	5 4 7 5 7 4 1 19 13	10.6 11.4 11.9 11.3	4.3 1.8 3.5 3.2	7.5 6.6 7.7 7.3	- - -0.9	-0.8 -1.5 0.7 -1.5	5 13 29 13	1 2 0 3	34 29 36 99	3 4 5 11	-4.9 -3.4 -1.0 -4.9	5 15 29 5	3 7 2 12	- - -	- - -	- - -	- - - -
CO. WATERFORD DUNGARVAN	1-10 11-20 21-END MONTH	15.6 - 22.7 - 52.6 - 90.9 11	4 3 7 5 9 7 2 20 15	12.5 12.4 11.7 12.2	4.0 3.4 4.1 3.8	8.3 7.9 7.9 8.0	- - -1.0	-0.5 0.1 0.9 -0.5	5 15 28 5	2 0 0 2 :	43 38 37 119	8 6 5 19	-2.5 -2.0 -1.0 -2.5	6 15 28 6	4 2 1 7	- - -	9.1 8.9 8.9 9.0	45.7 73.8 37.9 157.4	- - - 96
CO. WEXFORD J.F.K. PARK	1-10 11-20 21-END MONTH	13.5 - 35.1 - 47.7 - 96.3 13	3 3 8 7 7 7 1 18 17	11.6 11.7 11.2 11.5	4.6 2.9 3.8 3.8	8.1 7.3 7.5 7.7	- - -0.9	0.8 0.5 1.8 0.5	11 28	0 0 0 0 :	40 33 33 106	6 4 4 14	-1.0 -0.6 2.1 -1.0	15 21	2 2 0 4	8.7 8.1 9.0 8.6	10.7 10.7 11.2 10.9	43.0 63.3 45.8 152.1	- - - 93
CO. WICKLOW ASHFORD	1-10 11-20 21-END MONTH	15.0 - 19.6 - 57.8 - 92.4 13	5 3 5 2 8 6 2 18 11	11.6 11.2 11.4 11.4	4.9 3.6 4.9 4.4	8.3 7.4 8.2 7.9	- - -0.7	-0.1 -0.2 2.0 -0.2	22	1 1 0 2 :	41 33 39 114	6 3 4 13	-5.9 -6.6 -3.6 -6.6	22	2 5 4 11	8.8 9.0 9.4 9.1	10.0 10.3 10.4 10.2	46.3 70.5 50.0 166.8	- - - 107

MEASURED POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE

		P.E.	(mm)	SOIL MOISTUR	E (mm)
STATION	PERIOD	AMOUNT	DEFICIT	ACCUM'LTD DEFICIT	SURPLUS
CO. KERRY	1-10	N/A	_	_	_
VALENTIA OBS.	11-20	N/A	_	-	-
	21-END	N/A	-	_	-
	MONTH	N/A			

MONTHLY EVAPORATION (mm) FROM CLASS A PAN

	(, , , , , , , , , , , , , , , , , , ,		
COUNTY	STATION	MONTHLY RAINFALL (mm)	MONTHLY EVAPORATION (mm)
CO.KERRY	VALENTIA OBSERVATORY	119.1	69.6
CO.KERRY	NORTH KERRY LANDFILL	169.5	43.3
CO.MAYO	NEWPORT (FURNACE)	86.5	49.1
CO.OFFALY	DERRYGREENAGH	75.4	50.4
CO.WATERFORD	DUNGARVAN (CARRIGLEA)	90.9	47.2
CO.WEXFORD	J.F.K. PARK	96.3	52.9

P.E. (PENI	MAN)	GLOB	AL SOLA		TION
			(MJ/s	q.m.)	
STATION /COUNTY	TOTAL (mm)	1ѕт-10тн	11TH-20TH	21ST-END	TOTAL
CO. CARLOW		105 50	120.05	100 24	252.02
CARLOW (OAK PARK) *	47	105.53	138.05	109.34	352.92
CO. CAVAN					
BALLYHAISE*	45	90.60	135.20	128.28	354.08
CO. CLARE					
SHANNON AIRPORT	53		SOLAR RAD		
CO. CORK		STATI	ONS MARKED	* ARE PF	ROVISIONAL
CORK AIRPORT	36				
ROCHE'S POINT*		122.61	150.44	115.98	389.03
CO.DONEGAL					
MALIN HEAD	50	83.06	171.58	168.46	423.10
CO.DUBLIN					
DUBLIN AIRPORT	45	113.92	142.12	117.07	373.11
CASEMENT AERODROME	45				
CO. KERRY					
VALENTIA OBS.	51	127.22	160.07	156.47	443.76
CO.MAYO					
BELMULLET	54	106.22	160.34	188.48	455.04
KNOCK AIRPORT	49				
CO.TIPPERARY					
GURTEEN (AG. COLLEGE) *	48	106.69	142.67	121.09	370.45
CO.WESTMEATH					
MULLINGAR*	48	103.67	135.60	121.29	360.56
CO.WEXFORD					
JOHNSTOWN CASTLE*	50	100.90	145.50	115.12	361.52

Sunday 1st: Cold and dry overnight with widespread ground frost away from western coasts. The afternoon saw a few light showers in Northern areas, which spread south during the evening, affecting the Midlands and East. Winds were light, variable in direction.

Rainfall: Nil at numerous locations to 7.1 mm at Dunfanaghy (Murroe)
Temperature: Lowest max. 9.8°C at Malin Head, highest max. 14.7°C at Oughterard
(Ardnasillagh); Lowest min. -2.2°C at Markree, highest min. 8.6°C at Valentia Observatory
Sunshine: 0.1 hours at Valentia Observatory to 6.8 hours at Dublin Airport

Monday 2nd: Scattered outbreaks of rain or showers continued in Ulster overnight. Showers developed countrywide by the afternoon, but had abated by late evening. Some of the showers were heavy and contained hail. Winds were northwesterly, generally light but moderate on north and western coasts.

Rainfall: Nil at numerous locations to 14.0 mm at Markree Temperature: Lowest max. 9.6°C at Casement Aerpdrome, highest max. 13.7°C at Oughterard (Ardnasillagh); Lowest min. 3.1°C at Dundalk (Annaskeagh), highest min. 8.8°C at Sherkin Island

Sunshine: Nil at numerous locations to 4.4 hours at Belmullet

Tuesday 3rd: Rain spread into the Northwest and moved southeastwards overnight, clearing the southeast coast by early afternoon. Afternoon saw scattered heavy showers develop countrywide, these were heavier and more prolonged in Ulster, but had all died out by late evening. Winds were north to northeasterly; generally moderate or fresh, strongest in the North.

Rainfall: Nil at numerous locations to 35.9 mm at Oldbridge (Oakview)
Temperature: Lowest max. 5.7°C at Ballyhaise, highest max. 11.5°C at Sherkin Island;
Lowest min. 1.4°C at Aherlow (Mackenagh), Highest min. 6.9°C at Mace Head
Sunshine: 3.0 hours at Dublin Airport to 10.3 hours at Belmullet

Wednesday 4th: A dry bright morning in many places, with just the odd shower. The afternoon saw some showers again, some of these with hail, but some good dry bright spells also. The evening and night was mainly dry, with just the odd shower along eastern coasts. Winds were strong, northeasterly.

Rainfall: Nil at numerous locations to 5.1 mm at Owenea (Greenans)
Temperature: Lowest max. 6.5°C at Johnstown II, highest max. 10.6°C at Oughterard
(Ardnasillagh); Lowest min. -2.4°C at Mount Russell, highest min. 3.8°C at Belmullet
Sunshine: 2.9 hours at Belmullet to 10.2 hours at Galway (Univ. College)

Thursday 5th: Cold and clear overnight with just the odd shower along western coasts. The morning was dry and sunny, with some cloud over northwestern areas. Afternoon remained mostly dry apart from some patchy drizzle along the northwest coast, which cleared to leave a dry evening. Winds were light, variable in direction.

Rainfall: Nil at numerous locations to 7.6 mm at Illies (Pollan Dam)
Temperature: Lowest max. 7.9°C at Dublin Airport, highest max. 13.3°C at Mallow (Spa House); Lowest min. -2.8°C at Mount Dillon, highest min. 5.0°C at Cahore (Kilmichael House)

Sunshine: 2.1 hours at Ballyshannon (Cathleen's Fall) to 11.8 hours at Dublin Airport

Friday 6th: Overnight a band of patchy rain or drizzle moved southeastward over the South of the country, dying out as it approached the south coast. Morning saw another band of rain approached the North, slowly moving south over the country during the day, the showers were mainly light, with some heavier falls in the West and Northwest. Winds were moderate to fresh, northwesterly in direction.

Rainfall: Nil at numerous locations to 11.1 mm at Dunlewy Lough Temperature: Lowest max. 9.3°C at Knock Airport, highest max. 14.0°C at Cahore (Kilmichael House); Lowest min. -2.2°C at Castleconnell, highest min. 6.6°C at Mace Head Sunshine: Nil at numerous locations to 5.6 hours at Cork Airport

Saturday 7th: Scattered outbreaks of rain or drizzle to start, clearer in the West. These showers continued over much of the country throughout the day, with only intermittant clearances over the Midlands and South. Winds were moderate, north to northwesterly.

Rainfall: Nil at numerous locations to 7.3 mm at Termon (Goldrum)
Temperature: Lowest max. 10.7°C at Malin Head, highest max. 16.0°C at Cloyne (Lisanley);
Lowest min. 2.5°C at Elphin, highest min 9.2°C at Cloyne (Lisanley)
Sunshine: 0.2 hours at Knock Airport to 6.1 hours at Clonroche (Knoxtown)

Sunday 8th: Mostly dry and cloudy overnight with just the odd spot of scattered rain. The rain and drizzle became more widespread during the afternoon. By the evening the showers were confined to the South. Winds were light, west to southwesterly.

Rainfall: 0.1mm at Ballybofey Navenny to 46.6mm at Cloghane
Temperature:Lowest max. 8.8° C at Knock Airport, highest max. 14.2°C at John F. Kennedy
Park; Lowest min. 5.8°C at Slieve Bloom Mtns. (Nealstown), highest min. 9.5°C at Cahore

Sunshine: Nil at numerous locations to 1.7 hours at Galway (Univ.College)

Monday 9th: Rain and drizzle were widespread across the country overnight, the rainfall persisted through the morning. The rain turned

showery everywhere during the afternoon and evening, with some thunderstorms, whilst only the Southeast remained relatively dry. Winds were moderate to fresh with some strong gusts, west to northwesterly.

Rainfall: 0.3 mm at Tullaroan (Ballybeagh) to 24.4 mm at Cloghane
Temperature: Lowest max. 8.4°C at Knock Airport, highest max. 13.5°C at Cahore
(Kilmichael House), Lowest min. 4.6°C at Slieve Bloom Mtns. (Nealstown), highest min. 9.5°C
at Cloyne (Lisanley)

Sunshine: 0.5 hours at Ardfert (Liscahane) to 3.2 hours at Cork Airport

Tuesday 10th: Showery in the West and North overnight. A sunny morning in the East but the showers in the West became widespread later with hail in places. The showers continued during the afternoon with some thunderstorms also in the East and South. The showers persisted into the evening but became well scattered by nightfall. Winds were light; west to northwesterly.

Rainfall: Nil at numerous locations to 11.8 mm at Glencar (Dreenagh)
Temperature: Lowest max. 8.7°C at Knock Airport, highest max. 13.2°C at Ballincurrig
(Peafield); lowest min. -1.0°C at Castleconnell, highest min. 5.9°C at Sherkin Island
Sunshine: 6.6 hours at Knock Airport to 10.3 hours at Dublin Airport

Wednesday 11th: Cool, with sunny spells and widespread showers of rain or hail. Many of the showers were heavy and prolonged in places, especially in the West and South. Winds were light to moderate, northwesterly in direction.

Rainfall: Nil at numerous locations to 10.9mm at Kylemore Abbey Gardens Temperature: Lowest max. 10.1°C at Aherlow (Mackenagh), highest max. 14.8°C at Oughterard (Ardnasillagh); lowest min. -1.9°C at Slieve Bloom Mtns. (Nealstown), highest min. 7.0°C at Sherkin Island

Sunshine: 6.8 hours at Ashford (Cronykeery) to 11.5 hours at Galway (Univ. College)

Thursday 12th: Cool overnight with some showers along western coasts. Morning saw some showers again along northwest coasts, but elsewhere it remained dry. The afternoon was mostly dry with sunny periods, with only the odd shower along western coasts. The showers remained in the West during the evening and early night. Winds were moderate; northwesterly.

Rainfall: Nil at numerous locations to 16.2 mm at Arklow W.W Temperature: Lowest max. 9.3°C at Knock Airport, highest max. 14.0°C at Dungarvan (Carriglea); lowest min. -0.5°C at Cavan (Drummconnick), highest min. 7.4°C at Sherkin Island

Sunshine: 3.0 hours at Newport Furnace to 10.3 hours at Ballyshannon (Cathleen's Fall)

Friday 13th: Dry and clear for much of the day, with some good sunny spells experienced over much of the country. The afternoon saw some isolated showers along the south coast for a time but by early evening they had abated, to leave a dry night countrywide. Winds were light, north to northwesterly.

Rainfall: Nil at numerous locations to 12.5 at Ballynahinch
Temperature: Lowest max. 8.8°C at Belderrig, highest max. 14.0°C at Piltown (Kildalton Agr.
College0; lowest min. -2.7°C at Markree, highest min. 6.2°C at Ashford (Cronykeery)
Sunshine: 0.3 hours at John F. Kennedy Park to 11.4 hours at Belmullet

Saturday 14th: Overnight a heavy band of rain moved southward and died out, with a small group of heavy showers affecting the east and southeast coasts. Showers during the afternoon affected many parts but the falls recorded were negligable except in the North and West. The showers died out by the late evening. Winds were light, north to northeasterly.

Rainfall: Nil at numerous locations to 5.2 mm at Waterville Octive No.9
Temperature: Lowest max. 8.4°C at Glenealy (Kilmacurragh Park), highest max. 13.5°C at
Ballincurrig (Peafield), lowest min. -2.9°C at Glenties Hatchery, highest min. 5.8°C at Dun
Laoghaire

Sunshine: 5.6 hours at John F. Kennedy Park to 11.7 hours at Ballincurrig (Peafield)

Sunday 15th: A mainly dry morning saw some good periods of sunshine though temperatures remained cool. Some showers occured along the east coast. These quicky died out to leave a mainly dry afternoon countrywide, though rain developed late in the evening over the west coast. Winds were light to moderate, northerly in direction.

Rainfall: Nil at numerous locations to 7.0 mm at Clones (Dunseark)
Temperature: Lowest max. 8.3°C at Dun Laoghaire, highest max. 12.5°C at Ardfert
(Liscahane); lowest min. -4.0°C at Thomastown (Mount Juliet), highest min. 4.4°C at Malin
Head

Sunshine: 5.9 Hours at Ballyshannon (Cathleen's Fall) to 10.3 hours at Ballincurrig (Peafield)

Monday 16th: Mainly dry during the night, but the West and South experienced some rain, though recorded falls were minor. Intermittent rain affected much of the country during the afternoon, but by evening a band of showers moved across the country which brought heavy falls of rain. Winds were light to fresh, with some strong gusting; south to southwesterly. Rainfall: 3.4mm at Newmarket-On-Fergus Langough to 34.0 mm at Delphi Lodge II Temperature: Lowest max. 8.9°C at Knock Airport, highest max. 15.0°C at Dooks; lowest min. -0.2°C at Ashford (Cronykeery), highest min. 7.3°C at Sherkin Island

Sunshine: Nil at numerous locations to 0.6 hours at Ballyshannon (Cathleen's Fall)

Tuesday 17th: Very wet overnight through the eastern half of the country, with only well scattered showers in the West. By morning the showers in the East were well scattered and light, whilst those in the West became more widespread and heavier. The afternoon saw heavier showers spread to all places, with some hail also. Winds were fresh to moderate, with strong gusts along southwestern coasts, west to southwesterly in direction.

Rainfall: 0.1 mm at Monaghan (Castleshane) to 34.9 mm at Newmarket Ballinatona Temperature: Lowest max. 7.8°C at Knock Airport, highest max. 13.0°C at Cahore (Klimichael House); lowest min. 1.6°C at Dundalk (Annaskeagh), highest min. 6.8°C at Sherkin Island

Sunshine: 2.0 hours at Valentia Observatory to 9.5 hours at Dublin (Glasnevin)

Wednesday 18th: Light and well scattered showers overnight affected the South and East, with the rain in the East persisting until midday. The afternoon and evening saw heavier bursts in the Midlands and East, some with hail and thunder. By late evening the showers were confined to western areas. Winds were light to fresh; north to northwesterly in direction.

Rainfall: Nil at numerous locations to 13.8 mm at Freemount Pumping Station Temperature: Lowest max. 9.6°C at Malin Head, highest max. 14.0°C at Straide; lowest min. -0.3°C at Glenties Hatchery, highest min. 6.8°C at Sherkin Island Sunshine: 4.8 hours Casement Aerodrome to 10.2 hours at Ballyshannon (Cathleen's Fall)

Thursday 19th: A bright start for much of the country with showers confined to the West initially. They gradually spread further inland during the day and by afternoon it had become thundery in many parts of the East. It remained showery during the evening with the heaviest falls in the Midlands and East. Winds were light to moderate; northwest to northerly.

Rainfall: Nil at numerous locations to 12.5 mm at Lough Gill
Temperature: Lowest max. 10.0°C at Malin Head, highest max. 16.0°C at Lullymore Nature
Centre; lowest min. -1.0°C at Glenties Hatchery, highest min. 7.6°C at Sherkin Island.
Sunshine: 6.5 hours at Ardfert (Liscahane) to 12.4 hours at Ballyshannon (Cathleen's Fall)

Friday 20th: Some showers along western coasts overnight, otherwise dry and cool with clear spells. Showers became widespread and heavier during the afternoon and continued through the evening and night, many of them with hail and thunder. Winds were light to fresh; northwesterly in direction.

Rainfall: Nil at numerous locations to 26.6 mm at Cloghane
Temperature: Lowest max. 10.1°C at Cork Airport, highest max. 14.4°C at Glenties
Hatchery; lowest min. -1.3°C at Castleconnell, highest min. 6.0°C at Mace Head
Sunshine: 4.5 hours at Valentia Observatory to 10.8 hours at Straide

Saturday 21st: Some showers overnight mainly in western parts, with good clear spells elsewhere. The morning saw good sunshine in many areas with just the odd shower mainly in the West. Intermittant showers throughout the afternoon, some of the showers heavy and with hail. The evening and night had showers again in the West, but dry elsewhere with clear spells. Winds were moderate to fresh, west to northwesterly.

Rainfall: Nil at numerous locations to 28.1 mm at Newmarket Ballinatona Temperature: Lowest max. 10.5°C at Mount Russell, highest max. 15.4°C at Cavan (Drummconnick), lowest min 1.4°C at Thomastown (Mount Juliet), highest min. 7.1°C at Malin Head

Sunshine: 7.5 hours at Ashford (Cronkeery) to 11.7 hours at Sherkin Island

Sunday 22nd: Scattered showers overnight mainly in the West and South, mainly dry elsewhere with some clear spells. Some sunny spells by morning, with well scattered showers becoming widespread during the day some of these were heavy with thundery downpours. Cool into the evening and night with some showers mainly in the West, but mainly dry elsewhere. Winds were moderate to fresh, west to northwesterly.

Rainfall: Nil at numerous locations to 30.2 mm at Glengarriff (Ilnacullin)
Temperature: Lowest max. 10.2°C at Malin Head, highest max. 15.0°C at Cahore (Kilmichael
House); lowest min. 0.8°C at Glenties Hatchery, highest min. 7.6°C at Malin Head
Sunshine: 4.2 hours at Ardfert (Liscahane) to 8.1 at Galway (Univ. College)

Monday 23rd: Scattered showers overnight mainly in the West and South. Some sunny spells by morning, with well scattered showers becoming widespread during the day, some heavy with thundery downpours. Cool into the evening and night with some showers mainly in the West. Winds mostly light, but increased moderate to fresh; variable in direction.

Rainfall: Nil at numerous locations to 10.2 mm at Ballyshannon (Cathleen's Fall)

Temperature: Lowest max. 10.1°C at Glenealy (Kilmacurragh Park), highest max. 15.0°C at Straids: lowest min. 0.7°C at Straids: highest min. 6.3°C at Dublin (Merrion Square)

Tuesday 24th: Dry over much of the country overnight with just the odd shower in the Midlands and southwestern coastal areas. Showers were mostly confined to the Southwest during early morning but began to affect much of

Sunshine: 1.7 hours at Ballyshannon (Cathleen's Fall) to 10.7 hours at Knock Airport

the country from late morning with hail in places. The showers quickly intensified with thunderstorms affecting many parts of the country during the afternoon and early evening. Toward nightfall the showers and thunderstorms died out and it became dry over much of the country. Winds were light to gentle; easterly in direction.

Rainfall: Nil at numerous locations to 33.6 mm at Little Island
Temperature: Lowest max. 10.0°C at Ballincurrig (Peafield), highest max. 15.3°C at Athy
(Chanterlands); lowest min. -1.0°C at Glenties Hatchery, highest min. 7.3°C at Sherkin Island
Sunshine: 2.3 hours at Ballincurrig (Peafield) to 13.2 hours at Belmullet

Wednesday 25th: Rain on the south coast around midnight brought small amounts of precipitation there. It gradually moved northward during the morning bringing large accumulations in the East, Midlands and along southeast coasts. Much of the northwest and west coasts escaped with no significant rainfall, and experienced good sunshine for much of the day. Winds were fresh, east to northeast.

Rainfall: Nil at numerous locations to 78.6 mm at Glenbride Lodge Temperature: Lowest max. 7.0°C at Glenealy (Kilmacurragh Park), highest max. 11.7°C at Belmullet; lowest min. -0.1°C at Glenties Hatchery, highest min. 7.6°C at Dublin (Glasnevin) Sunshine: Nil at numerous locations to 6.4 hours at Belmullet

Thursday 26th: Rain continued over much of the country into the early hours of the morning. The rain was mostly light but heavy bursts in the East. Light rain or showers persisted in the East and South for much of the day and some of the showers turned heavy during the evening. Winds were north or northeasterly all day, strong in the North and West, fresh elsewhere.

Rainfall: Nil at numerous locations to 32.3 mm at Blessington (Hempstown)
Temperature: Lowest max. 8.3 °C at Belderrig, highest max. 12.3 °C at Cloyne (Lisanley);
lowest min. 3.7°C at Sligo Airport, highest min. 8.0°C at Malin Head
Sunshine: Nil at numerous locations to 4.0 hours at Ballyshannon (Cathleen's Fall)

Friday 27th: Mostly dry overnight and during the morning with clear spells. The day continued mainly dry with just the odd shower falling in western areas. Those showers gradually died out over the afternoon to leave a dry evening and night. Winds were, fresh to strong; north to northeasterly in direction.

Rainfall: Nil at numerous locations to 6.7 mm at Ballynahinch
Temperature: Lowest max. 8.7°C at Casement Aerodrome, highest max. 13.2°C at
Oughterard (Ardnasillagh); lowest min. 0.6°C at Glenties Hatchery, highest min. 7.9°C at
Horseleap
Sunshine: 0.7 hours at Sherkin Island to 13.2 hours at Valentia Observatory

Saturday 28th: Mostly dry overnight with clear spells. A dry morning with good sunshine and light winds. The afternoon and evening continued mainly dry with just the odd shower in western areas. The evening saw some sunny spells, whilst the night remained dry everywhere; though a groundfrost developed after dark. Winds were light, north to northeasterly in direction.

Rainfall: Nil at numerous locations to 4.6 mm at Dereen
Temperature: Lowest max. 8.4°C at Belderrig, highest max. 14.1°C at Ardfert (Liscahane);
lowest min. -3.3°C at Thomastown (Mount Juliet), highest min. 5.6°C at Belmullet
Sunshine: 4.9 hours at Dungarvan (Carriglea) to 13.9 hours at Belmullet

Sunday 29th: Dry with clear periods overnight, the morning was cloudy over the East, but good sunny spells further west. There were showers along the east coast by mid-afternoon, but over rest of the country it remained dry with good sunny spells. Rain continued in the East and spread to the Midlands and southern areas during the evening. With only the North and Northwest remaining dry. Winds were moderate to strong; northeasterly in direction.

Rainfall: Nil at numerous locations to 42.3 mm at Oldbridge (Oakview)
Temperature: Lowest max. 8.4°C at Cork Airport, highest max. 14.0°C at
Glenties Hatchery; lowest min. -2.9°C at Straide, highest min. 6.5°C at Cahore (Kilmichael
House)
Sunshine: 0.1 hours Dublin (Glasnevin) to 13.8 hours at Ballyshannon (Cathleen's Fall)

Monday 30th: Wet and blustery overnight for much of the country, becoming lighter and patchy towards dawn. Much of the East and south Leinster were dry for a time in the morning but scattered showers developed as the morning progressed. Rain and driving northeast winds through Leinster became widespread by evening, continuing cold, wet and windy into the night. Winds were moderate to fresh; northeasterly in direction.

Rainfall: Nil at numerous locations to 26.2 mm at Conna (Castleview)
Temperature: Lowest max. 9.5°C at Ballincurrig (Peafield), highest max. 16.4°C at
Glenties Hatchery; lowest min. 1.0°C at Lullymore Nature Centre, highest min. 7.8°C at
Clonroche (Knoxtown)

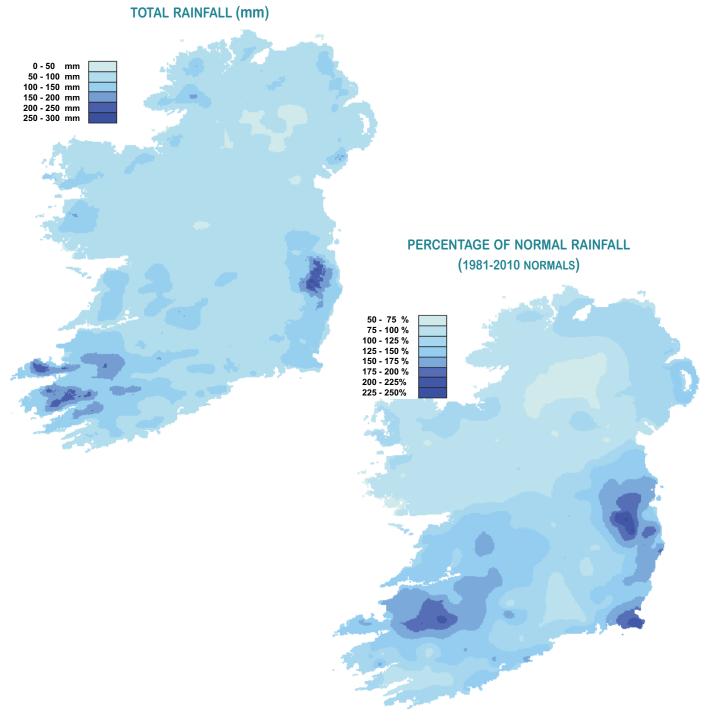
Sunshine: Nil at numerous locations to 7.4 hours at Belmullet

RELATIVELY DRY IN THE WEST; WETTEST IN THE EAST AND SOUTHEAST

Rainfall was below average in the West and in parts of the North and South, with above average rainfall elsewhere. The highest percentages of average values were recorded in the Kildare, Wicklow, Wexford and Cork regions ranging from 56% at Mace Head, Co. Galway to 230% to Naas (C.B.S), Co. Kildare, it's wettest April since 1956 (56 years). Monthly accumulations in low-lying regions ranged from 42.8 mm at Mace Head to 245.7 mm at Glenbride Lodge, Co.Wicklow, its wettest April since 1998 (14 years). Glenbride Lodge also recording the months highest daily fall of 78.6 mm on the 25th, its highest daily rainfall during April since 1943 (69 years). The month's highest rainfall total was at the mountain gauge of Moanbane, Co. Wicklow with 291.0 mm, reporting its wettest April since 1943 (69 years).

Number of wetdays (days with 1mm or more of rainfall) were below average in parts of the Northwest, West, Midlands and Southwest, and above average elsewhere. Wetdays ranged between nine at numerous locations and 24 at Glenbride Lodge, Co. Wicklow. Sneem, Co. Kerry reported the second highest amount of wetdays with 23, measuring 188 mm of rainfall and its wettest April since 1992 (20 years).

	TOTAL				NUMBE	
COUNTY/ STATION*		1981-2010			RAINDAYS	
	(mm)	AVERAGE	A DAY / D	ATE	(≽0.2mm)	(≽1mm)
CO. CARLOW						
CARLOW (OAK PARK)	61.4	110	8.1	16	20	15
CO. CAVAN						
BALLYHAISE	65.7	113	11.4	9	20	12
CO. CLARE						
SHANNON AIRPORT	79.6		13.8	8	20	16
CARRON	113.7	127	23.3	17	25	17
CO. CORK						
ROCHE'S POINT	75.7			30	22	17
FERMOY (MOOREPARK)	80.6	123		30	22	19
CORK AIRPORT	94.8			24	22	17
SHERKIN ISLAND	87.3			22	18	15
BALLINCURRIG (PEAFIELD)	103.2	122	19.5	24	22	18
CO. DONEGAL						
MALIN HEAD	46.3	72		16	16	12
GLENTIES HATCHERY	95.0	98		16	23	17
BALLYSHANNON (CATHLEEN'S FALL)	69.8	99	12.0	16	18	13
CO. DUBLIN						
DUBLIN (PHOENIX PARK)	96.8	184		25	18	15
DUBLIN AIRPORT	93.1	172	24.8	25	20	16
CASEMENT AERODROME	99.7	192	26.5	25	20	16
DUBLIN (MERRION SQUARE)	75.0	152	17.3	25	21	14
CO. GALWAY						
MAAM VALLEY	118.6	76	30.7	16	22	13
CO. KERRY						
VALENTIA OBSERVATORY	119.1	123	18.6	9	22	16
ARDFERT (LISCAHANE)	101.2	146	13.7	8	20	18
CO. LIMERICK						
MOUNTRUSSELL	140.3	165	21.2	17	24	20
CO. MAYO						
BELMULLET	79.7	111	12.1	16	23	19
STRAIDE	70.7	94	14.5	16	19	14
KNOCK AIRPORT	62.4	76	13.9	16	20	13
DELPHI LODGE	161.4		34.0	16	24	19
CO. MEATH						
WARRENSTOWN	87.2	146	19.4	25	17	14
CO. MONAGHAN						
CARRICKMACROSS (DUNOGE)	52.3	81	12.3	16	19	13
CO. OFFALY						
DERRYGREENAGH	75.4	121	11.0	17 25	19	14
CO. ROSCOMMON						
MOUNTDILLON	56.5	85	13.6	16	20	14
CO. SLIGO						
ARDTARMON	61.4	95	13.1	16	17	9
CO. TIPPERARY						
GURTEEN (AG.COLLEGE)	81.4	136	12.3	16	21	15
FETHARD (PARSONSHILL)	64.0	101	12.4	30	21	14
CO. WATERFORD						
WATERFORD (TYCOR)	63.9	91	13.9	16	20	14
DUNGARVAN (CARRIGLEA)	90.9	112	22.0	30	20	15
CO. WESTMEATH						
MULLINGAR	75.4	114	13.3	22	23	16
CO. WEXFORD						
JOHNSTOWN CASTLE	93.7	133	16.9	25	22	16
JOHN F. KENNEDY PARK	96.3	131	20.5	30	18	17
CLONROCHE (KNOXTOWN)	87.1		17.3	30	20	14
CO. WICKLOW						
ASHFORD (CRONYKEERY)	92.4	132	20.5	29	18	11
* TABLE REPRESENTS DATA FROM ONLY A SMALL SELE	CTION OF RAIN	IFALL STATION	IS. ALL DATA IS 09)-09 HR		
J. J						



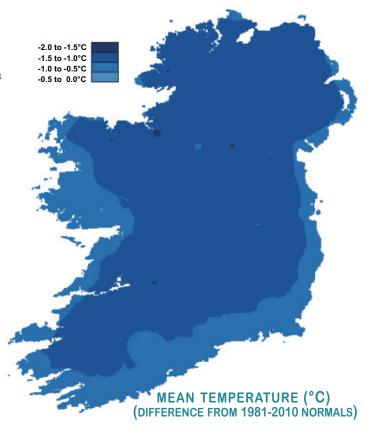




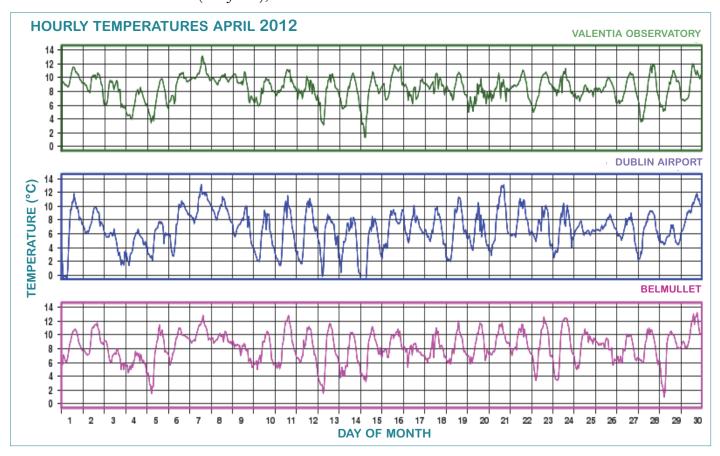
COLDER THAN AVERAGE EVERYWHERE

Mean air temperatures were below average with differences from average as much as -2.0°C at Sligo Airport. Mean temperatures varied between 6.5°C at Dunsany, Co. Meath it's lowest for April since 1989 (23 years) and 8.8°C at Sherkin Island. Warrenstown, Co. Meath reported a mean temperature of 7.2°C, its coolest April since 1986 (26 years) and other sites in the Northwest, Southwest and South and Dublin reported their lowest means since the late 1980's. Most remaining stations were the lowest since 2000 (12 years).

Both maximum and minimum temperatures were below average for April. Most highest maximums were recorded on the 7th, 21st and 30th, varying between 11.6°C at Malin Head it's lowest absolute maximum recorded during April since 1983 (29 years) to 16.4°C at Glenties Hatchery, Co. Donegal. The highest maximum recorded at Casement Aerodrome of 13.1°C set a new record as the lowest absolute maximum since it opened 48 years ago. Most highest maximas recorded in the Southwest, West, Kilkenny, Galway and Dublin areas were the lowest in at least 20 years. Lowest minimum temperatures were recorded at various times, ranging from -4.0°C at Thomastown (Mt. Juliet), Co.



Kilkenny, its lowest since 2006 (6 years) to 2.7°C at Sherkin Island. Mountrussell, Co. Limerick reported its lowest April minimum since 1998 (14 years) with -2.4°C, the longest period of record exceeded for minima's at stations this month.



COUNTY/ STATION*	MEAN MAX.	MEAN MIN.		FERENCE FROM 81-2010	HIGHI MAX./E			WEST DATE	LOWE GRASS M		DAYS WI	TH FROST GROUND
CO. CARLOW									01111001111			
CARLOW (OAK PARK)	11.0	3.6	7.3	-1.6	13.5	7	-0.7	15	-5.4	15	2	16
CO. CAVAN												
BALLYHAISE	10.7	2.7	6.7	-1.6	14.7	30	-2.2	5	-6.5	13	5	17
CO. CLARE												
SHANNON AIRPORT	11.9	4.1	8.0	-1.5	14.9	7	-1.7	5	-7.2	5	3	15
CARRON	11.1	3.7	7.4	-0.8	13.2	7	0.2	5 15	-5.4	5	0	18
CO. CORK												
ROCHE'S POINT	11.3	5.2	8.3	-0.8	14.9	7	2.1	4	-1.9	6	0	2
FERMOY (MOOREPARK)	11.3	3.4	7.4	-1.0	14.3	7	-1.8	6	-3.9	6	3	10
CORK AIRPORT	10.6	3.9	7.3	-1.2	14.3	7	-0.3	4	-5.3	6	1	11
SHERKIN ISLAND	11.3	6.2	8.8	-0.7	14.5	7	2.7	4	-2.1	6	0	2
BALLINCURRIG (PEAFIELD)	11.9	3.0	7.5	-0.6	14.4	7	-1.1	4	-1.8	4	2	6
CO. DONEGAL	11.5	""	'."	0.0	11.1	,	1.1	-	1.0	-	2	Ü
MALIN HEAD	10.0	5.0	7.5	-0.8	11.6	30	1.6	20	-2.5	20	0	7
GLENTIES HATCHERY	11.7	1.6	6.7	-1.4	16.4	30	-2.9	14	-7.0	29	12	23
BALLYSHANNON (CATHLEEN'S FALL)	10.9	3.1	7.0	-1.4	15.0	30		13	7.0	۷)	2	۷.)
CO. DUBLIN	10.5] ,,,	'.0	1.4	10.0	J 0	1.0	τJ			۷	
	11 1	3.7	7.4	-0.8	1 / 1	21	-0.7	1.5	-5.7	15	Ō	14
DUBLIN (PHOENIX PARK)	11.1				14.1			-		-	2	
DUBLIN AIRPORT	10.5	3.1	6.8	-1.5	13.8	7	-1.5	15	-4.9	15	3	9
CASEMENT AERODROME	10.5	3.0	6.8	-1.4	13.1	7	-3.0	15	-5.9	15	3	14
DUBLIN (MERRION SQUARE)	10.5	4.9	7.7	-1.7	13.6	21	1.5	15			0	
CO. GALWAY												
MAAM VALLEY	12.0	4.5	8.3	-0.6	15.2	7	0.5	15	-4.1	15	0	7
CO. KERRY						_						
VALENTIA OBSERVATORY	11.0	5.6	8.3	-1.1	13.8	7	0.9	15	-3.6	15	0	2
ARDFERT (LISCAHANE)	12.1	3.8	8.0	-1.1	14.7	7	-2.6	5	-3.9	5	5	6
CO. LIMERICK												
MOUNTRUSSELL	10.3	3.3	6.8	-1.4	12.4	7	-2.4	4	-5.4	5	5	10
CO. MAYO												
BELMULLET	11.4	5.1	8.3	-0.7	13.6	30	0.7	29	-2.6	29	0	5
STRAIDE	12.5	2.4	7.5	-1.1	15.0	23 24	-2.9	29	-10.4	29	8	22
KNOCK AIRPORT	9.8	3.1	6.5	-1.0	13.0	30	-0.1	4	-2.7	13	1	9
DELPHI LODGE	11.5	4.8	8.2	-0.9	13.8	24	0.5	13	-6.0	2.4	0	8
CO. MEATH												
WARRENSTOWN	11.0	3.3	7.2	-1.2	13.8	21 30	-1.1	1 15	-4.0	15	2	11
CO. MONAGHAN												
CARRICKMACROSS (DUNOGE)	11.3	3.2	7.3	-0.9	14.9	30	-1.5	13	-4.9	5	3	12
CO. OFFALY												
DERRYGREENAGH	11.4	3.0	7.2	-0.9	13.9	7	-0.9	5	-8.4	15	2	24
CO. ROSCOMMON	ļ <u>, , , , , , , , , , , , , , , , , , ,</u>		-					-			_	-
MOUNT DILLON	11.4	2.9	7.1	-1.3	14.7	7	-2.8	5				
CO. SLIGO						•		-				
ARDTARMON	12.0	4.2	8.1	-0.9	15.8	30	1.2	13	-4.7	14	0	17
CO. TIPPERARY			"."						-• /		v	
GURTEEN (AG. COLLEGE)	10.9	2.6	6.8	-1.4	14.0	7	-3.0	15	-8.1	5	5	17
FETHARD (PARSONSHILL)	10.8	3.2	7.0	-1.0	13.6		-0.7		-2.0		2	6
CO. WATERFORD	10.0	3.2	'."	1.0	10.0	± J	0.1	ı	2.0	10	۷	U
WATERFORD (TYCOR)	12.0	4.9	8.5	-0.6	15.2	7	1.6	4			0	
· · · · · ·	12.0		8.0		15.2		-0.5		-2.5	[7
DUNGARVAN (CARRIGLEA)	14.4	3.8	0.0	-1.0	13.8	7	-0.5	5	-2.5	σ	2	/
CO. WESTMEATH	100			1 0	10.0	0.1	^ -	-	F 0	1.	4	1.0
MULLINGAR	10.8	3.0	6.9	-1.3	13.6	21	-0.5	5	-5.2	12	1	16
CO. WEXFORD			_			_	_		_	_		
JOHNSTOWN CASTLE	10.5	4.4	7.5	-1.0	13.7	7	0.7	4	-2.4	5	0	8
JOHN F. KENNEDY PARK	11.5	3.8	7.7	-0.9	15.5	7	0.5	11	-1.0	10	0	4
CLONROCHE (KNOXTOWN)	11.2	3.7	7.5	-0.5	15.1	7	-1.9	6	-4.4	6	2	5
CO. WICKLOW												
										16		

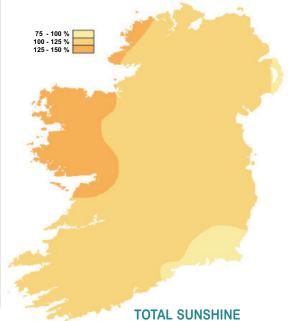
	DAILY MEAN (HOURS/DAY)		% OF POSSIBL	.E	ST IN A //DATE
CO. CLARE					
SHANNON AIRPORT	6.19	107	45	11.9	19
CO. CORK					
CORK AIRPORT	5.44	99	39	11.1	21 5
SHERKIN ISLAND	5.99	99	43	11.7	21
BALLINCURRIG (PEAFIELD)	5.66	103		11.7	5 14
CO. DONEGAL					
BALLYSHANNON (CATHLEEN'S FALL	5.84	114	41	13.8	29
CO. DUBLIN					
DUBLIN AIRPORT	5.49	101	39	11.8	5
CASEMENT AERODROME	5.21	100	37	11.8	5
CO. GALWAY					
GALWAY (UNIV.COLLEGE)	6.96	134	50	12.7	29
CO. KERRY					
VALENTIA OBSERVATORY	5.68	107	41	13.2	27
ARDFERT (LISCAHANE)	5.39	99	39	10.6	14
CO. MAYO					
BELMULLET	6.82	128	49	13.9	28
STRAIDE	6.24	125		13.0	29
KNOCK AIRPORT	5.87	121		13.3	29
CO. WATERFORD					
DUNGARVAN (CARRIGLEA)	5.25	96	38	11.8	5
CO. WEXFORD					
JOHN F. KENNEDY PARK	5.07	93	36	11.0	11
CLONROCHE (KNOXTOWN)	5.20	95		11.2	21
CO. WICKLOW					
ASHFORD (CRONYKEERY)	5.56	107		11.3	5
* TABLE REPRESENTS SUNSHINE DATA FROM A SELECTION OF					

RELATIVELY DULL IN THE SOUTHEAST; SUNNY ELSEWHERE

Sunshine totals were above average except in the Southeast. Total hours and percentage of average values ranged from 93% and 152 hours at John F.

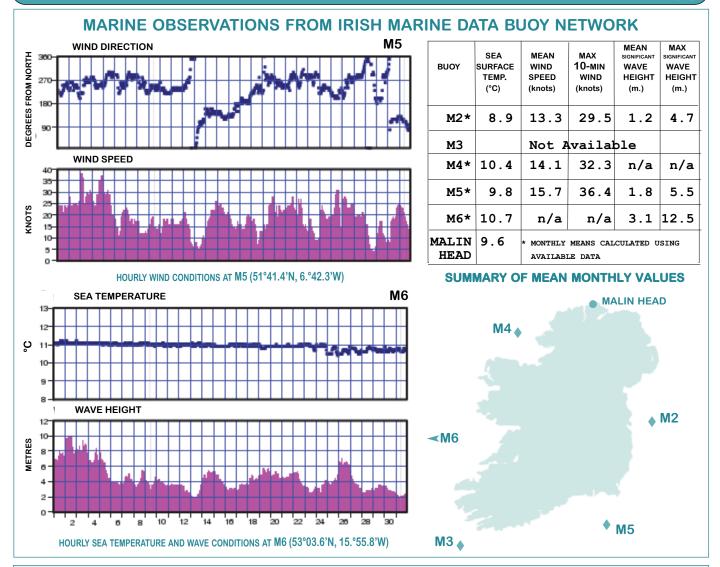
Kennedy Park, its dullest April since 2004 (8 years) to 134% and 209 hours at Galway (Univ. College), its sunniest April in 5 years. Belmullet reported its sunniest April since 1974 (38 years) and the month's highest daily sunshine of 13.9 hours on the 28th. The second highest daily sunshine of 13.8 hours at Ballyshannon (Cathleen's Fall) on the 29th was the highest recorded at the site since 1967 (55 years).

Global solar radiation totals were below average at Dublin Airport with a percentage of average value of 95%. Others stations reported above average values ranging up to 108% at Valentia Observatory.



(PERCENTAGE OF 1981-2010 NORMALS)

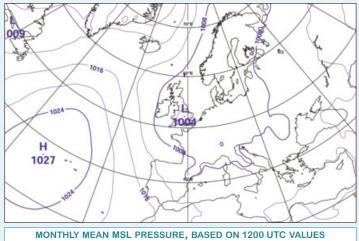
DAILY SUNSHINE VALUES (HOURS)





ATMOSPHERIC PRESSURE

April mean sea level pressure values ranged from around 1006 hPa in the East to 1008 hPa along western coasts. The month's highest absolute maximum pressure value of 1028.1 hPa was recorded during periods of high pressure at Valentia Observatory and Cork Airport on the 15th and Belmullet on the 4th. The lowest absolute minimum pressure value of 974.8 hPa was recorded at Mace Head on the 17th when an Atlantic depression moved across the western coastline.



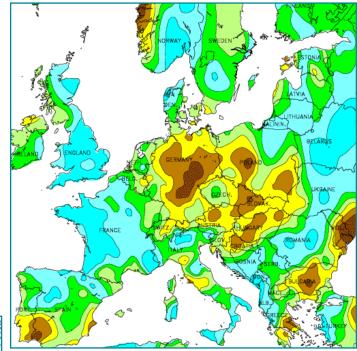
%

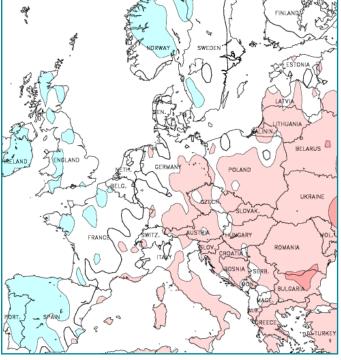
400 200 150

125100755025



(PERCENTAGE OF 1961-1990 NORMAL)





APRIL MEAN TEMPERATURE

(DIFFERENCE FROM 1961-1990 NORMAL)

DATA SUPPLIED BY **NOAA**CLIMATE PREDICTION CENTRE,
US DEPARTMENT OF COMMERCE

Drought conditions gripped parts of the contiguous United States during April 2012. As of May 1st, 2012, 32 percent of the contiguous United States experienced moderate to exceptional drought, with 17 percent experiencing severe to exceptional drought, according to the U.S. Drought Monitor (USDM). Exceptional drought affected parts of western Texas, southeastern New Mexico, and across parts of Florida, Georgia, Alabama, and South Carolina. Conditions deteriorated across portions of the Carolinas and Georgia where less than 12.7 mm of precipitation fell.

GLOBAL WEATHER
HIGHLIGHTS OF
THE MONTH

Rainfall averaged over England and Wales during
April was 140.4mm which is 216 percent of the average
for the standard reference period 1981-2010, the highest
for this month since 2000; since useful rainfall records
began in 1727 April has been wetter only in 2000 and
1756. The equivalent figures for Scotland were 90mm
and 152 per cent of the normal amount, and for
Northern Ireland 63mm and 112 percent. Monthly totals
at routinely-available sites varied between 290mm at
Liscombe (Somerset) and 31mm at Auchincruive
(Ayrshire).

-3 -5

°C

Copious rain fell across Western Province of Rwanda (located in central Africa) on April 12th, 2012, prompting flash floods. The floods inundated nearly 1,000 hectares of potatoes, maize, bananas, tea, and sugar, leading to food insecurity. Over 700 houses were either destroyed or damaged and nearly 11,000 people were affected.



A severe storm brought strong winds and hail to northern provinces in Vietnam on April 20th. The strong winds blew roofs off homes and damaged over 4,500 homes and crops. Two people died when their house collapsed over them.

