

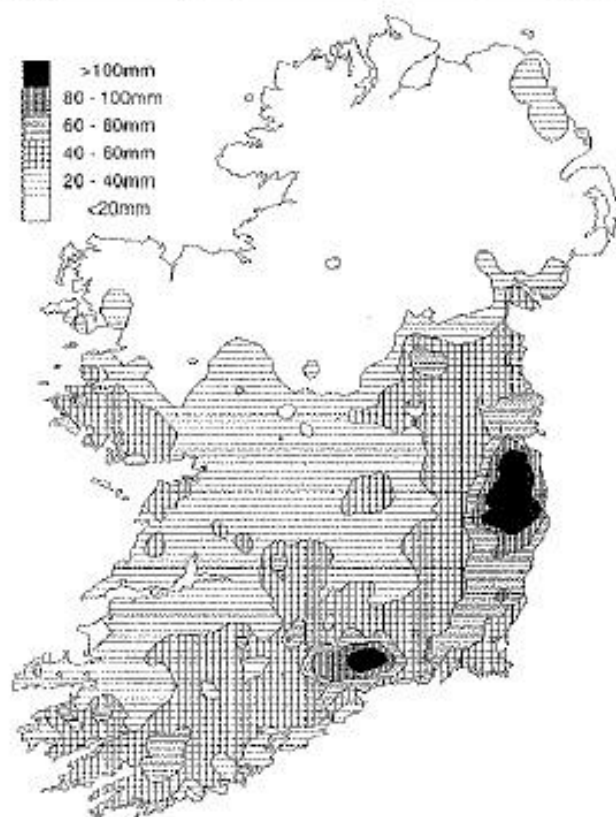


Exceptional weather events

**Type of event: Heavy
rain / flooding**

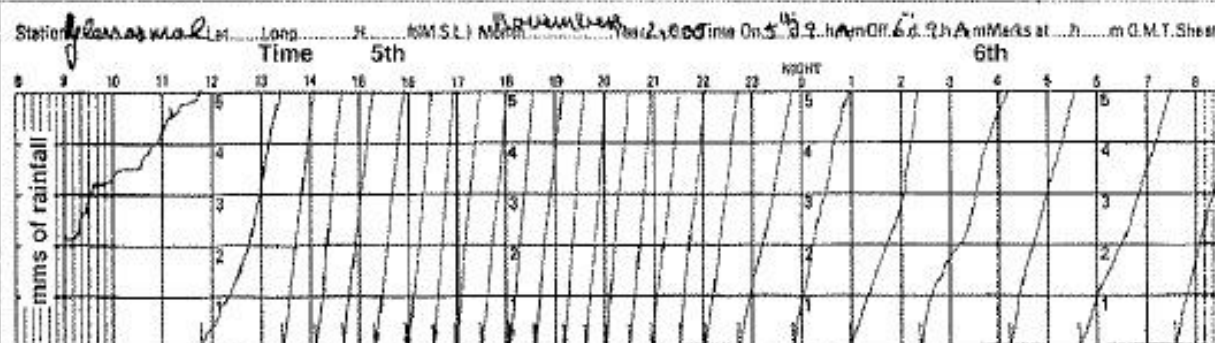
**Date: November
2000**

SEVERE FLOODING IN EAST AND SOUTHEAST AFTER HEAVY RAIN ON 5TH



Rain began early on the 5th over Kerry, as a depression of 972hPa approached the southwest coast. The depression moved eastwards over Munster during the day, deepening to 969hPa over southern England by midday on the 6th. By 0900 on the 5th, heavy rain had spread into most eastern, southern and midland areas; it was continuous near the east and southeast coast until the afternoon of the 6th. Rainfall totals for the 24-hour period up to 0900 on the 6th are shown on the left. The rain recorder chart shown below for the 5th/6th from Glanasmole, situated in the Dublin Mountains, shows how heavy rain fell at a steady rate between noon and midnight on the 5th, with 95mm recorded here during that period.

The distribution of the heaviest rainfall is similar to that during the *Hurricane Charley* fall of August 25th 1986. The bottom table shows comparisons of 24-hour falls between the two events and ranks the fall of the 5th of this month in terms of the highest daily falls recorded at each station. Over almost all of Dublin and Wicklow, the 1986 falls were heavier, but in the southeast of the country the daily falls during the 5th of this month were higher, although not the highest on record. There was considerable flooding in the east and southeast following the rainfall on the 5th and 6th, with widespread disruption of transport. Flood damage to property is estimated at £40 million.



Station	County	Height (m)	Daily rain (mm)		Rank	Records since
			05.11.2000	25.08.1986		
Glanasmole (Castle Kelly)	Dublin	183	137.2	190.2	3rd	1959
Leixlip	Dublin	42	90.8	85.2	1st	1949
Glennacnass	Wicklow	238	142.0	153.0	2nd	1965
Roundwood	Wicklow	195	94.0	160.6	2nd	1898
Arklow	Wicklow	34	77.7	81.0	2nd	1949
Cappoquin (Mt. Melleray)	Waterford	213	97.8	57.8	3rd	1944
Clonmel (Redmondstown)	Tipperary	64	70.1	66.9	3rd	1962