

Irish Water Web Map



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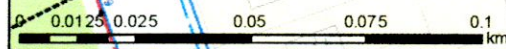
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Water Distribution Network Water Treatment Plant Water Pump Station Storage Cell Tower Drang Point Meter Station Abstraction Point Telemetry Kiosk Reservoir Private Raw Water Water Distribution Mains Irish Water Private Trunk Water Mains Irish Water Private Water Lateral Lines Irish Water Non-WV Water Castings Water-Abandoned Lines Boundary Meter Bulk Check Meter Group Scheme Source Meter Waste Meter Unknown Meter Other Meter Non-Return PRV PSV Source Line Valve Open/Closed Buffer Line Valve Open/Closed Source Boundary Valve Open/Closed Butterfly Boundary Valve Open/Closed Scour Valves Single Air Control Valve Double Air Control Valve Water Stop Valves Water Service Connections Water Distribution Chambers Water Network JUNCTIONS Pressure Monitoring Point Fire Hydrant Fire Hydrant/Washout Water Fittings Cap Resistor Tap Other Fittings	Sewer Local Connection Network Waste Water Treatment Plant Sewer Mains Irish Water Gravity Combined Gravity Unknown Pumping Combined Pumping Unknown Pumping Siphon Combined Siphon Unknown Siphon Siphon Overflow Sewer Mains Private Gravity Combined Gravity Unknown Pumping Combined Pumping Unknown Siphon Unknown Siphon Siphon Overflow Sewer Lateral Lines Sewer Castings Sewer Manholes Standard Backdrop Cascade Catchpit Blunder Hatchbox Lamphole Hydrant Other Unknown Discharge Type Outfall Overflow Sockaway Other Unknown Chamost Type Rodding Eye Other Unknown Sewer Inlets Catchpit Gully Other Unknown Sewer Fittings Vent/Col Other Unknown	Storm Water Network Surface Water Mains Surface Gravity Mains Private Surface Water Pressurised Mains Surface Water Pressurised Mains Private Inlet Type Gully Standard Other Unknown Storm Manholes Standard Backdrop Cascade Catchpit Blunder Hatchbox Lamphole Hydrant Other Unknown Storm Culverts Stormwater Chambers Discharge Type Outfall Overflow Sockaway Other Unknown Gas Networks Ireland Transmission High Pressure Gasline Distribution Medium Pressure Gasline Distribution Low Pressure Gasline ESB Networks ESB HV Lines HV Underground HV Overhead HV Abandoned ESB MV LV Lines MV Overhead Three Phase MV Overhead Single Phase LV Overhead Three Phase LV Overhead Single Phase MV/LV Underground Abandoned Non-Service Categories Proposed Under Construction Out of Service Decommissioned Water Non-Service Assets Water Point Feature Water Pole Water Structure Waste Non-Service Assets Waste Point Feature Sewer Waste Structure
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Met Eireann
Return Period Rainfall Depths for sliding Durations
Irish Grid: Easting: 306457, Northing: 230431,

DURATION	Interval		Years													
	6months,	1year,	2,	3,	4,	5,	10,	20,	30,	50,	75,	100,	150,	200,	250,	500,
5 mins	2.4,	3.5,	4.1,	5.1,	5.8,	6.3,	8.1,	10.2,	11.6,	13.6,	15.4,	16.8,	19.0,	20.8,	22.3,	N/A ,
10 mins	3.3,	4.9,	5.8,	7.1,	8.1,	8.8,	11.3,	14.2,	16.1,	18.9,	21.4,	23.4,	26.5,	29.0,	31.0,	N/A ,
15 mins	3.9,	5.8,	6.8,	8.4,	9.5,	10.4,	13.3,	16.7,	19.0,	22.2,	25.2,	27.6,	31.2,	34.1,	36.5,	N/A ,
30 mins	5.1,	7.5,	8.8,	10.8,	12.2,	13.3,	16.9,	21.1,	24.0,	28.0,	31.7,	34.5,	39.0,	42.5,	45.4,	N/A ,
1 hours	6.7,	9.8,	11.4,	14.0,	15.7,	17.1,	21.6,	26.8,	30.3,	35.3,	39.8,	43.2,	48.7,	52.9,	56.5,	N/A ,
2 hours	8.8,	12.7,	14.8,	18.0,	20.2,	21.9,	27.5,	34.0,	38.3,	44.4,	49.9,	54.2,	60.8,	66.0,	70.3,	N/A ,
3 hours	10.4,	14.8,	17.2,	20.9,	23.4,	25.3,	31.8,	39.1,	44.0,	50.8,	57.0,	61.8,	69.3,	75.1,	79.9,	N/A ,
4 hours	11.6,	16.5,	19.2,	23.2,	26.0,	28.1,	35.1,	43.1,	48.5,	56.0,	62.7,	67.9,	76.0,	82.2,	87.5,	N/A ,
6 hours	13.6,	19.3,	22.4,	27.0,	30.1,	32.5,	40.5,	49.6,	55.6,	64.0,	71.6,	77.5,	86.5,	93.5,	99.4,	N/A ,
9 hours	16.0,	22.5,	26.0,	31.3,	34.9,	37.6,	46.7,	57.0,	63.8,	73.3,	81.8,	88.4,	98.5,	106.4,	112.9,	N/A ,
12 hours	17.9,	25.1,	29.0,	34.8,	38.7,	41.8,	51.7,	62.9,	70.3,	80.7,	89.9,	97.0,	108.1,	116.6,	123.7,	N/A ,
18 hours	21.0,	29.3,	33.8,	40.4,	44.9,	48.3,	59.6,	72.3,	80.6,	92.3,	102.7,	110.7,	123.1,	132.6,	140.5,	N/A ,
24 hours	23.6,	32.7,	37.6,	44.9,	49.8,	53.6,	65.9,	79.8,	88.9,	101.6,	112.9,	121.6,	135.0,	145.3,	153.9,	183.7,
2 days	29.6,	40.0,	45.4,	53.4,	58.7,	62.8,	76.0,	90.5,	99.9,	113.0,	124.4,	133.2,	146.6,	156.9,	165.3,	194.6,
3 days	34.4,	45.8,	51.7,	60.2,	65.9,	70.3,	84.1,	99.3,	109.1,	122.5,	134.3,	143.2,	156.8,	167.2,	175.8,	205.1,
4 days	38.6,	50.8,	57.1,	66.2,	72.2,	76.7,	91.2,	107.0,	117.1,	130.9,	142.9,	152.1,	166.0,	176.5,	185.2,	214.7,
6 days	46.1,	59.7,	66.6,	76.5,	83.0,	87.9,	103.5,	120.3,	130.9,	145.5,	158.0,	167.6,	181.9,	192.8,	201.7,	231.9,
8 days	52.6,	67.4,	74.9,	85.5,	92.5,	97.7,	114.2,	131.8,	143.0,	158.1,	171.2,	181.0,	195.8,	207.0,	216.1,	247.0,
10 days	58.7,	74.5,	82.4,	93.7,	101.0,	106.5,	123.8,	142.2,	153.8,	169.5,	183.0,	193.1,	208.3,	219.8,	229.1,	260.6,
12 days	64.3,	81.1,	89.4,	101.3,	108.9,	114.7,	132.7,	151.8,	163.8,	180.0,	193.8,	204.3,	219.8,	231.6,	241.1,	273.2,
16 days	74.8,	93.2,	102.3,	115.2,	123.4,	129.7,	148.9,	169.3,	181.9,	199.0,	213.6,	224.5,	240.7,	253.0,	262.8,	296.0,
20 days	84.4,	104.3,	114.1,	127.8,	136.7,	143.3,	163.7,	185.1,	198.4,	216.2,	231.4,	242.7,	259.6,	272.2,	282.4,	316.6,
25 days	95.8,	117.3,	127.8,	142.5,	151.9,	159.0,	180.6,	203.2,	217.2,	235.9,	251.7,	263.5,	281.1,	294.2,	304.8,	340.0,

NOTES:

N/A Data not available

These values are derived from a Depth Duration Frequency (DDF) Model

For details refer to:

'Fitzgerald D. L. (2007), Estimates of Point Rainfall Frequencies, Technical Note No. 61, Met Eireann, Dublin',

Available for download at www.met.ie/climate/dataproducts/Estimation-of-Point-Rainfall-Frequencies_TN61.pdf