

Summary of rain event 25-28 November 2020

General

From 25 to 28th November 2020, large amounts of rain fell, especially during the first part of the event. As in the previous event, during this event, too, the largest amounts were measured in the Coastal Plain, although the focal points of the rain were different. There were three areas where the amounts of rain stood out: the Nahariya area, where 170 mm were measured, the Tel-Aviv-Hod Hasharon area, where more than 100 mm were measured and the area of Ashdod-Ashkelon, where a similar amount was measured. Large damages were caused due to flooding in urban areas. In this system, too, there was almost no rain in the south.

The rainfall amounts measured in November are considerably above the average for this month and in the Coastal Plain, this is the rainiest November since 1994.

Rainfall amounts in the event

The largest rainfall amounts were measured in Nahariyya and the Western Galilee. The station in Nahariyya measured 169 mm in this event, while the nearby stations of Saar and Kabri measured 175 mm. The rains in this area began on the 25th during the afternoon, increased in the evening and at night, and later fell intermittently on the 26th. Afterwards, it there was almost no rainfall.

From northern Tel-Aviv to the Hod Hasharon-Herzliya area, 110 to 130 mm were measured, most of which were measured during 3-4 hours on the 26th from morning till the noon. Similar amounts were measured in the area of Ashdod-Ashkelon, where the larger amounts were measured during the early morning hours. The heavy rains caused damages - flooding of houses, especially in Hod Hasharon and Ashkelon and also the closure of roads in the area.

In other parts in the north and the centre of the country, the amounts were smaller: in the central-southern Coastal Plain (South of Tel-Aviv to Rehovot) 50 to 70 mm were measured, Haifa and the Karmel area 40 to 50 mm, in the northern mountains, the Northern Valleys and Samaria 40 to 60 mm and in the Judean mountains 20 to 30 mm. In the South, there was almost no rain (1 to 2 mm in the northern Negev).

Rainfall amounts since the beginning of the season

The rainfall amounts since the beginning of the season exceed the average considerably in the north and the centre. In many stations in the north of the country and in the Coastal Plain, they are higher than 200 mm, in some of them more than 250 mm and in the Nahariyya area even more than 300 mm. In several places in the Coastal Plain, the accumulated amounts account for 40% of the total seasonal average and at some points to more than 50% (like Nahariyya and Herzliya).

All the rainfall occurred in November, and in the Coastal Plain, it was the rainiest November since 1994.

Table 1: Rainfall amounts 25-28 November 2020 and since the beginning of the season

	Station	Rainfall in 25-28 November 2020 (mm)	Accumulated rainfall from season start (mm)
Coastal Plain and the Shfela	Nahariyya	169	330
	Haifa (Technion)	39	213
	En HaHoresh	66	202
	Adanim	125	250
	Herzeliya	129	293
	HaKefar HaYarok	112	252
	Bet Dagan	57	248
	Qevuzat Yavne	53	168
	Ashqelon	124	237
	Negba	120	225
	Besor	2	10
Northern Mountains	Merom Golan Picman	32	163
	Gamla	48	142
	Elon	85	285
	Kefar Gil'adi	37	153
	Zefat Har Kenaan	44	200
	Harashim	59	283
Northern Valleys	Newe Ya'ar	58	197
	Dafna	31	135
	Kefar Blum	21	121
	Ayelet HaShahar	40	154
	Zemah	46	132
	Sede Eliyyahu	14	38
Central Mountains	Kedumim	58	152
	Zova	30	95
	Jerusalem Centre	21	72
	Beit Jimal	33	91
	Rosh Zurim	25	94
Negev	Arad	2	11
	Nevatim	0.2	10
	Sede Boqer	0.6	1
Jordan Valley and the Arava	Gilgal	3	20
	Sedom	0.3	16
	Elat	0	4