

**MINISTRY OF AGRICULTURE,
RURAL DEVELOPMENT AND ENVIRONMENT
DEPARTMENT OF METEOROLOGY
CY-1418 NICOSIA**

06 December 2024

MONTHLY WEATHER REPORT

THE WEATHER IN NOVEMBER 2024

General Weather Conditions: The weather in November was extremely wet and near normal with regards to the temperatures. Unstable weather conditions occurred during the periods 2nd -5th, 10th - 13th and 15th-26th of the month, giving showers, thunderstorms, hail and strong winds all over the island. The mean air temperature was approximately 0.5°C above normal and the area average precipitation was 83.6mm or 157% of normal.

Severe Weather Conditions: On the 2nd of the month, torrential rains, thunderstorms, hail and strong winds occurred throughout Cyprus, causing multiple problems in the road network and electricity supply and enormous damage to property mainly in Paphos and Limassol districts. Roads, houses and premises were flooded, landslides of rocks and soil occurred and many trees were uprooted or cut down. Many objects were moved by the strong winds. Devastating floods also occurred at the Paphos General Hospital. In Agios Theodoros, Larnaca, a fire was caused to a tree after a lightning strike while it was raining at the same time. On the 2nd and 3rd of the month, the bad weather also caused great damage to many livestock and agricultural units mainly in the Limassol and Paphos districts. On the 10th of the month, severe weather conditions occurred in various areas across Cyprus, but the districts of Paphos and Limassol were once again at the epicenter. Heavy hail and heavy rainfall in many areas caused damage to property, crops and problems on the road network where roads were closed due to the accumulation of water, hail and landslides. Many roads in mountainous areas, mainly in Limassol and Paphos, became slippery and dangerous. A fire was reported from a lightning strike in Gerakies. Reports of waterspouts in Limassol off Lady's Mile, Limassol Pier, Agios Tychonas, Pissouri and Zygi also made on 10/11/2024. On the 21st of the month, prolonged precipitation caused problems on the road network throughout Cyprus and mainly in the Limassol district. On the 24th and 25th of the month, cold air masses and **strong** to gale-force winds affected many areas throughout our island, bringing the first snow to Troodos. Snow also fell in many villages in the wider Troodos area on the 25th of the month. During the period 24-30 of the month, a considerable drop in temperature was recorded; daily maximums dropped up to 8 °C below normal and daily minimums dropped up to 11 °C inland and in the mountainous areas). The daily maximums of 13 °C, 14.6°C, 15.9 °C and 0.4 °C at Athalassa, Larnaca and Paphos Airports and at Prodromos were the 7th, 6th, 6th and 6th lowest maximum temperatures ever recorded at these stations since they started to operate in 1983, 1976, 1984 and 1959 respectively. Similarly, the daily minimums of 3.3 °C, 6.3 °C, 4.8 °C and -4.7 °C at Athalassa, Larnaca and Paphos Airports. Larnaca and Paphos and in Prodromos were the 8th, 14th, 4th and 2nd lowest ranked minimum temperatures ever recorded at these stations since they started to operate in 1983, 1976, 1984 and 1959 respectively. On the 24th of the month, strong winds caused serious problems and damage throughout Cyprus and especially in Nicosia.

Precipitation (normal period: 1961-1990): According to preliminary estimates the area average precipitation in November was 83.6mm or 157% of normal. The area average precipitation for the whole island generally ranged from 65% (Xylotymvou) to 388% (Germasogia Dam) of normal.

Hail was recorded on the 2nd (Aglantzia, Pallouriotissa, Agios Epiphanius Orinis, Agios Thomas, Agros, Koilani, Troodos, Pelendri, Mandria, Gerasa, Konia, Paphos, Chloraka, Orites road to Kouklia, on the 10th (heavy hail) in Troodos, Saïttas, Agios Theodoros Limassol, Agios Tychonas, Limassol, on the Limassol-Paphos highway, Avdimou and Pachna, Pera Pedi, Erimi, Polystypos, Kalo Chorio Limassol, Protaras, Platanistasa, Agia Napa, Kyvides, Agios Ioannis Pitsilias, Psimolofou, Ormideia, Potamitissa Pitsilias, Chandria, Kolossi Akaki, Astromeritis).

Snowfall was recorded on the 24th (Troodos) and 25th of the month (Troodos, Madari, Ag. Epiphanius, Prodromos, Askas, Palaichori, Pedoulas, Palaichori, Lazania-Mahaira Area, Farmakas, Lemythou, Kakopetria, Agros, Platres, Dymes, Chandria, St. Theodore of Limassol, Stavros Psokas, Kapoura, Vavatsinia).

The cumulative area average precipitation during the period October-November 2024 was about 83.7mm or 97% of normal. In general, the cumulative area average precipitation for the whole island ranged from 43% (Psevdas, Frenaros) to 249% (Germasogeia dam) of normal.

Temperature (normal period: 1981-2010): The mean daily temperature for the month was approximately 0.5°C above normal. Mean daily temperatures were below normal on the 18th, 20th and during the period 24-30th, whereas for the rest of the month were above or around normal. Maximum temperatures exceeded 23°C at Athalassa, Larnaka and Paphos Airports in 19, 19 and 20 occasions respectively and at Prodromos exceeded 13°C in 19 occasions. Most stations recorded their highest maximum temperature on the 1st and 8th of the month and their lowest minimum temperature on the 26th and 28th of the month.

The 5-day averages of air temperature and their deviations from normal at various places are shown in Table 1 and the extreme temperatures are shown in Table 2.

NOVEMBER 2024

FIVE - DAY TEMPERATURES AND DEVIATIONS FROM NORMAL (°C)

PRELIMINARY DATA

Table 1

MEAN DAILY MAXIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	26	1	26	1	26	2	16	1	1.3
6--10	25	2	27	3	25	2	14	1	2.2
11--15	25	3	25	2	24	2	15	3	2.4
16--20	22	0	23	1	23	0	12	-1	0.0
21--25	20	-1	22	0	22	0	11	-1	-0.3
26--30	17	-3	19	-2	20	-1	8	-3	-2.1
MONTH	22.7	0.5	23.5	0.9	23.3	0.8	12.8	0.0	0.6

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	16	1	17	3	16	1	8	0	1.0
6--10	11	0	16	4	16	2	7	1	1.7
11--15	13	3	15	3	15	3	7	2	2.7
16--20	11	1	13	0	15	2	5	-1	0.5
21--25	11	1	13	2	14	2	3	-2	0.7
26--30	5	-4	8	-3	9	-3	0	-5	-3.7
MONTH	10.6	0.2	13.8	1.4	14.1	1.2	5.3	-0.9	0.5

Normal Period for Temperature: 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPER.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	28.4	1	28.5	1	27.8	1	17.6	8
LOWEST MINIMUM	3.3	28	6.3	26	4.8	26	-4.7	26