

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

13 March 2025

MONTHLY WEATHER REPORT

THE WEATHER IN FEBRUARY 2025

General Weather Conditions: The weather in February was dry and relatively cold. Unstable weather conditions prevailed during the periods 4-6, 9-13, 16-24 and 26-28 of the month, which resulted in rain, local thunderstorms, hail and low temperatures with frost and snow in the mountainous and semi-mountainous areas. The average temperature was about 1.2°C below normal for the month, while the average precipitation was 33.6mm or 41% of normal.

Severe Weather conditions: Heavy rainfall, hail, strong winds, very low temperatures and frost affected the entire island in February. On the 5th-12th of the month, frost and snowfall caused problems in the mountainous road network. The roads leading to the mountains were closed and were open only for vehicles with chains or 4X4s. Eleven schools in the mountainous areas remained closed. On the 10th of the month, heavy rainfall was observed in Limassol. On the 11th of the month, hail and dense fog prevailed in the mountainous areas. On the 12th of the month, the occupied areas reported damage from the bad weather in occupied Karpasia. On the 12th of the month, in the evening and night snow observed in Machairas. Frost remains in the mountainous areas for the 13th-16th of the month, where the roads were slippery, once again affecting the road network. On the 16th of the month, a lot of hail fell in the mountainous and semi-mountainous areas. On the 17th and 18th of the month, severe weather events prevailed in various areas of the island. A severe thunderstorm on February 17th hit Limassol with heavy rainfall and severe weather events that caused flooding on the roads and combined with reduced visibility, made traffic difficult. On the 17th of the month, in Kato Polemidia, lightning struck a pole in a residential area causing a fire that was extinguished immediately and did not spread. At the same time, waterspouts were observed. The thunderstorm was accompanied by strong winds, hail and lightning, creating dangerous conditions mainly for drivers. Similar and worse conditions prevailed in the mountainous areas. The roads were slippery and dangerous due to the bad weather. The roads leading to Troodos were open only to vehicles with snow chains. The cold weather system "Coral" originating from Siberia affected the entire Cyprus during the period 20-24 of the month with the main characteristic the very low temperatures. It caused local rain and snow in the mountainous and semi-mountainous areas, while snowflakes were also observed in lowland areas. Frost was also observed in several areas apart from the mountainous and semi-mountainous areas. The highest mountains on the 22nd-24th were literally frozen since they were in frosty day conditions, meaning that both the maximum and minimum temperatures were below zero 24 hours a day (day and night). On the 22nd-25th of February, the lowest temperatures of this winter were recorded, with the minimum temperature of -3.7°C in Athalassa on the 25th of the month being a record for the lowest minimum temperature ever recorded in Athalassa for this month, since 1983 when the station started to operate. During the cold air mass' days, the maximum temperatures in all areas were lower than normal by up to 5.6°C to 9.4°C, while the minimums dropped in all areas by up to 7°C to 9.5°C below normal.

Precipitation (normal period: 1961-1990): According to preliminary estimates, the area average precipitation in February was 39.2mm or 41% of normal. Monthly precipitation generally varied between 13% (Xylytypou) and 76% (Pano Polemidia Dam) of normal.

Snowfall was recorded on the 4th (Troodos), on the 5th (Troodos, Omodos, Kalopanagiotis, Saittas, Kapoura, Agros, Agios Theodoros, Palaichori, Pelentri, Platres, Kyperounta, Vavatsinia, Lazanias, Moutoullas, Prodromos, Lemythou, Dymes, Vouni, Apaisia, Pera Pedi, Spilia, Fini, Ag. Koroni, Sylikou, Palaichori, Machairas, Chandria, Askas, Potamiou, Farmakas, Odou, Alona, Saranti, Pedoulas), on the 6th (Kambos, Ag. Theodoros), on the 9th-10th (Troodos), on the 11th (Troodos, Platres), on the 12th (Troodos, Ag. Theodoros), on the 16th-18th (Troodos), on the 21st (Kalopanagiotis, Troodos, Agios Theodoros, Palaichori), 22nd (Troodos, Kapoura, Vavla), 23rd (Troodos, Agia Varvara, Stavrovouni and 25th-28th (Troodos) of the month.

Hail was recorded on the 12th of the month (Stavrovouni), on the 15th (Saittas), on the 15th-16th (Vavatsinia, Troodos, Trimiklini area, Kampi Farmaka, Platres), on the 17th (Trachoni, Ora, Limassol, Germasogeia area, Aglantzia, Agios Spyridonas Limassol, Ypsonas Industrial area, Vavatsinia) of the month.

The cumulative area average precipitation during the period October 2024 - February 2025 was about 254.7mm, i.e 68% of normal. Generally, the cumulative precipitation in all areas, varied between 56% (Lefkara Dam) and 110% (GermasogiA dAM) of normal.

Temperature (normal period: 1981-2010): The mean air temperature of the month was about 1.2°C below normal for the time of the year. The average daily temperatures were below normal during the period 6th-15th and 20th-28th of the month, while on the remaining days they were above or around normal. The maximum temperatures in Athalassa exceeded 16°C on 11 occasions, in Larnaca and Paphos they exceeded 17°C on 14 and 13 occasions respectively, while in Prodromos they exceeded 7°C on 9 occasions. Most stations recorded their highest maximum temperature on the 1st and 2nd of the month and their lowest minimum temperature during the period 23-25 of the month.

Air and ground frost occurred in 18 and 21 cases respectively, in the mountainous areas, in 2 and 12 cases inland, in 2 and 4 cases on the east coast, in 3 and 8 cases on the south coast and in 1 and 2 cases on the west coast.

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.

FEBRUARY 2025

FIVE DAYS 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	19	4	20	4	19	2	11	6	4
6--10	13	-3	16	-1	16	-1	1	-5	-2
11--15	14	-2	17	0	17	-1	7	0	-1
16--20	17	1	19	2	18	1	8	1	1
21--25	9	-7	12	-5	13	-4	0	-7	-6
26--29	17	0	18	0	18	0	6	-3	-1
MONTH	14.8	-1.2	16.7	-0.2	16.7	-0.4	5.4	-1.2	-0.8

MEAN DAILY MINIMUM									
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS		MEAN DEV.
DATES	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	ACTUAL	DEV.	
1--5	7	2	9	2	9	2	2	2	2
6--10	4	-1	6	-1	6	-2	-4	-4	-2
11--15	3	-3	6	-2	7	-1	-2	-2	-2
16--20	6	0	10	2	9	1	1	0	1
21--25	1	-5	2	-5	3	-5	-8	-8	-6
26--29	3	-2	5	-2	6	-2	-2	-3	-2
MONTH	3.9	-1.4	6.2	-0.9	6.8	-1.3	-2.1	-2.6	-1.6

Normal Period for Temperature = 1981 - 2010

Table 2

EXTREME TEMPERATURES								
STATION	ATHALASSA		LARNAKA AIRPORT		PAFOS AIRPORT		PRODROMOS	
TEMPERAT.	(°C)	DATE	(°C)	DATE	(°C)	DATE	(°C)	DATE
HIGHEST MAXIMUM	20.9	1, 2	20.8	1	19.6	1	13.0	1
LOWEST MINIMUM	-3.7	25	-0.4	24	1.0	23	-9.0	23, 24