

## Government of India Ministry of Earth Sciences India Meteorological Department

Press Release

Date: 13<sup>th</sup> July, 2022

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(4 pages)

Subject: 24 hour realised rainfall and their distribution over Delhi during 1 -12 July, 2022 (forecast verification).

It has been published in some print media that Delhi has not got rainfall after the advance of monsoon. It is to inform that Delhi has got rainfall after advance of monsoon on 30<sup>th</sup> June 2022. Delhi received widespread rainfall on 1<sup>st</sup> ,2<sup>nd</sup>,4<sup>th</sup> and 12<sup>th</sup> July, fairly widespread rainfall on 5<sup>th</sup> July, scattered rainfall on 3<sup>rd</sup> July and isolated rainfall on remaining days. 24-hour Forecast issued and realised rainfall distribution for Delhi till 12<sup>th</sup> July is given below:

DATE	FORECAST ISSUED (BEFORE 24 HRS)	RAINFALL DISTRIBUTION (REALISED)
01.07.2022	Moderate rain/ thundershowers with	WS
	heavy rain at isolated places.	
02.07.2022	Light to moderate rain/ thundershowers.	WS
03.07.2022	Light rain/ thundershowers.	SCT
04.07.2022	Light rain/ thundershowers.	WS
05.07.2022	Light rain/ thundershowers.	FWS
06.07.2022	Light rain/ thundershowers.	ISOL
07.07.2022	Light rain/ thundershowers.	ISOL
08.07.2022	Very light rain/ drizzle at isolated places.	ISOL
09.07.2022	Possibility of thundery development.	ISOL
10.07.2022	Light to moderate rain/ thundershowers.	ISOL
11.07.2022	Light to moderate rain/ thundershowers.	ISOL
12.07.2022	Light rain/ thundershowers.	WS

Datewise rainfall recorded over different stations (out of 13 stations in mm) is given in table below:

Date	Station	Rainfall
	Safdarjung	117.2
	Palam	31.8
	Lodhi Road	108.4
	Ridge	65.4
	Ayanagar	51.9
01.07.2022	DU(AWS)	67.2
	PUSA(AWS)	45.0
	JAFARPUR(AWS)	11.0
	NAJAFGARH(AWS)	17.0
	PITAMPURA(AWS)	56.0
	SPS MAYUR VIHAR(AWS)	4.0
	Safdarjung	1.9
	Lodhi Road	4.8
	Ridge	7.6
	Ayanagar	14.8
02.07.2022	DU(AWS)	5.5
02.07.2022	PUSA(AWS)	6.0
	JAFARPUR(AWS)	6.0
	NAJAFGARH(AWS)	5.5
	PITAMPURA(AWS)	23.0
	SPS MAYUR VIHAR(AWS)	18.0
	Ayanagar	TRACE
00.07.000	JAFARPUR(AWS)	5.0
03.07.2022	NAJAFGARH(AWS)	105.0
	SPS MAYUR VIHAR (AWS)	7.0
	Safdarjung	0.1
	Lodhi Road	0.4
04.07.2022	Ridge	22.0
	Ayanagar	TRACE
	DU(AWS)	19.0
	PUSA(AWS)	0.5

NAJAFGARH(AWS)   0.5     PITAMPURA(AWS)   0.5     SPS MAYUR VIHAR(AWS)   16.0     Safdarjung   0.6     Lodhi Road   TRACE     Ridge   0.2     DU(AWS)   4.0     JAFARPUR(AWS)   1.0     SPORTS COMPLEX(AWS)   2.0     SPS MAYUR VIHAR (AWS)   11.0     SPORTS COMPLEX(AWS)   3.0     SPS MAYUR VIHAR (AWS)   3.0     SPS MAYUR VIHAR (AWS)   8.0     JAFARPUR(AWS)   3.0     SPS MAYUR VIHAR (AWS)   4.0     JAFARPUR(AWS)   5.5     MAYUR VIHAR (AWS)   1.0     SPS MAYUR VIHAR (AWS)   4.0     JAFARPUR(AWS)   1.0     SPS MAYUR VIHAR (AWS)   1.0     SPS MAYUR VIHAR (AWS)   5.5     Lodhi Road   11.0     Ridge   1.2     1.07.2022   Ridge   TRACE     Ayanagar   TRACE     JAFARPUR(AWS)   5.5     Safdarjung   1.8     Palam   TRACE     Lodhi Road   2.4     Ridge   38.2     Narela(AWS)   2.9     JAFARPUR(AWS)   2.5     NAJAFGARH(AWS)   6.0     PITAMPURA(AWS)   35.0     DU(AWS)   34.5		JAFARPUR(AWS)	4.0
SPS MAYUR VIHAR(AWS)   16.0		NAJAFGARH(AWS)	0.5
Safdarjung		PITAMPURA(AWS)	0.5
Lodhi Road   TRACE   Ridge   0.2		SPS MAYUR VIHAR(AWS)	16.0
Ridge		Safdarjung	0.6
DU(AWS)   4.0     JAFARPUR(AWS)   3.5     NAJAFGARH(AWS)   1.0     SPORTS COMPLEX(AWS)   2.0     SPS MAYUR VIHAR (AWS)   11.0     JAFARPUR(AWS)   3.0     SPS MAYUR VIHAR (AWS)   8.0     JAFARPUR(AWS)   3.0     SPS MAYUR VIHAR (AWS)   4.0     JAFARPUR(AWS)   1.0     SPS MAYUR VIHAR (AWS)   0.5     SPS MAYUR VIHAR (AWS)   0.5     SPS MAYUR VIHAR (AWS)   0.5     Safdarjung   8.8     10.07.2022   Ridge   1.2     10.07.2022   Ridge   TRACE     Ayanagar   TRACE     JAFARPUR(AWS)   5.5     Safdarjung   1.8     Palam   TRACE     Lodhi Road   2.4     Ridge   38.2     Narela(AWS)   29.0     JAFARPUR(AWS)   2.5     NAJAFGARH(AWS)   6.0     PITAMPURA(AWS)   81.0     PUSA(AWS)   35.0		Lodhi Road	TRACE
05.07.2022       JAFARPUR(AWS)       3.5         NAJAFGARH(AWS)       1.0         SPORTS COMPLEX(AWS)       2.0         SPS MAYUR VIHAR (AWS)       11.0         06.07.2022       JAFARPUR(AWS)       3.0         SPS MAYUR VIHAR (AWS)       8.0         JAFARPUR(AWS)       3.0         SPS MAYUR VIHAR (AWS)       4.0         JAFARPUR(AWS)       1.0         SPS MAYUR VIHAR (AWS)       0.5         SPS MAYUR VIHAR (AWS)       0.5         Safdarjung       8.8         09.07.2022       Ridge       11.0         Ridge       1.2         11.07.2022       Ridge       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0		Ridge	0.2
JAFARPUR(AWS)   3.5     NAJAFGARH(AWS)   1.0     SPORTS COMPLEX(AWS)   2.0     SPS MAYUR VIHAR (AWS)   11.0     JAFARPUR(AWS)   3.0     SPS MAYUR VIHAR (AWS)   8.0     JAFARPUR(AWS)   3.0     SPS MAYUR VIHAR (AWS)   4.0     JAFARPUR(AWS)   5.5     Safdarjung   8.8     O9.07.2022   Lodhi Road   11.0     Ridge   1.2     10.07.2022   Ridge   TRACE     Ayanagar   TRACE     JAFARPUR(AWS)   5.5     Safdarjung   1.8     Palam   TRACE     Lodhi Road   2.4     Ridge   38.2     Narela(AWS)   29.0     JAFARPUR(AWS)   2.5     NAJAFGARH(AWS)   6.0     PITAMPURA(AWS)   81.0     PUSA(AWS)   35.0	05 07 2022	DU(AWS)	4.0
SPORTS COMPLEX(AWS)   2.0	05.07.2022	JAFARPUR(AWS)	3.5
SPS MAYUR VIHAR (AWS)   11.0		NAJAFGARH(AWS)	1.0
JAFARPUR(AWS)   3.0		SPORTS COMPLEX(AWS)	2.0
06.07.2022       SPS MAYUR VIHAR (AWS)       8.0         07.07.2022       JAFARPUR(AWS)       3.0         SPS MAYUR VIHAR (AWS)       4.0         08.07.2022       JAFARPUR(AWS)       1.0         SPS MAYUR VIHAR (AWS)       0.5         Safdarjung       8.8         Lodhi Road       11.0         Ridge       1.2         10.07.2022       Ridge       TRACE         Ayanagar       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0		SPS MAYUR VIHAR (AWS)	11.0
SPS MAYUR VIHAR (AWS)   8.0	06.07.2022	JAFARPUR(AWS)	3.0
07.07.2022       SPS MAYUR VIHAR (AWS)       4.0         08.07.2022       JAFARPUR(AWS)       1.0         SPS MAYUR VIHAR (AWS)       0.5         Safdarjung       8.8         09.07.2022       Lodhi Road       11.0         Ridge       1.2         10.07.2022       Ridge       TRACE         Palam       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0	06.07.2022	SPS MAYUR VIHAR (AWS)	8.0
SPS MAYUR VIHAR (AWS)   4.0	07.07.2022	JAFARPUR(AWS)	3.0
08.07.2022       SPS MAYUR VIHAR (AWS)       0.5         Safdarjung       8.8         09.07.2022       Lodhi Road       11.0         Ridge       1.2         10.07.2022       Ridge       TRACE         Palam       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0	07.07.2022	SPS MAYUR VIHAR (AWS)	4.0
SPS MAYUR VIHAR (AWS)   0.5	00.07.2022	JAFARPUR(AWS)	1.0
Description	08.07.2022	SPS MAYUR VIHAR (AWS)	0.5
Ridge		Safdarjung	8.8
10.07.2022       Ridge       TRACE         11.07.2022       Palam       TRACE         Ayanagar       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0	09.07.2022	Lodhi Road	11.0
Palam TRACE  Ayanagar TRACE  JAFARPUR(AWS) 5.5  Safdarjung 1.8  Palam TRACE  Lodhi Road 2.4  Ridge 38.2  Narela(AWS) 29.0  JAFARPUR(AWS) 2.5  NAJAFGARH(AWS) 6.0  PITAMPURA(AWS) 81.0  PUSA(AWS) 35.0		Ridge	1.2
11.07.2022       Ayanagar       TRACE         JAFARPUR(AWS)       5.5         Safdarjung       1.8         Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0	10.07.2022	Ridge	TRACE
JAFARPUR(AWS) 5.5  Safdarjung 1.8  Palam TRACE  Lodhi Road 2.4  Ridge 38.2  Narela(AWS) 29.0  JAFARPUR(AWS) 2.5  NAJAFGARH(AWS) 6.0  PITAMPURA(AWS) 81.0  PUSA(AWS) 35.0		Palam	TRACE
Safdarjung   1.8	11.07.2022	Ayanagar	TRACE
Palam       TRACE         Lodhi Road       2.4         Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0		JAFARPUR(AWS)	5.5
Lodhi Road 2.4  Ridge 38.2  Narela(AWS) 29.0  JAFARPUR(AWS) 2.5  NAJAFGARH(AWS) 6.0  PITAMPURA(AWS) 81.0  PUSA(AWS) 35.0	12.07.2022	Safdarjung	1.8
Ridge       38.2         Narela(AWS)       29.0         JAFARPUR(AWS)       2.5         NAJAFGARH(AWS)       6.0         PITAMPURA(AWS)       81.0         PUSA(AWS)       35.0		Palam	TRACE
12.07.2022   Narela(AWS)   29.0		Lodhi Road	2.4
12.07.2022  JAFARPUR(AWS)  2.5  NAJAFGARH(AWS)  6.0  PITAMPURA(AWS)  81.0  PUSA(AWS)  35.0		Ridge	38.2
DAFARPUR(AWS)  NAJAFGARH(AWS)  PITAMPURA(AWS)  PUSA(AWS)  35.0		Narela(AWS)	29.0
PITAMPURA(AWS) 81.0 PUSA(AWS) 35.0		JAFARPUR(AWS)	2.5
PUSA(AWS) 35.0		NAJAFGARH(AWS)	6.0
		PITAMPURA(AWS)	81.0
DU(AWS) 34.5		PUSA(AWS)	35.0
		DU(AWS)	34.5

## **LEGEND:**

## RAINFALL INTENSITY

Terminology	Rainfall Range in mm	Terminology	Rainfall Range in mm
Very Light Rainfall	Trace - 2.4	Heavy Rainfall	64.5 – 115.5
Light rainfall	2.5 – 15.5	Very Heavy Rainfall	115.6 – 204.4
Moderate Rainfall	15.6 – 64.4	Extremely Heavy Rainfall	>= 204.5

## **SPATIAL DISTRIBUTION (% of stations reporting)**

% Stations	Category
76-100	Widespread (WS/ Most places)
51-75	Fairly Widespread (FWS/ Many places)
26-50	Scattered (SCT/ A Few Places)
1-25	Isolated (ISOL)