

Summer Rainfall (mm) Dynamics during (SW Monsoon) *Kharif* Season @ Research Farm, CCS HAU Hisar

Week/Period	Normal	2024	2023	2022	2021	2020	2019	2018	2017	2016
Monsoon Onset*	1 July	30 June	2 July	3 July	13 July	26 June	16 July	28 June	12 July	2 July
May 28 – Jun 03 (22)	10.8	9.0	16.0	0.0	13.2	14.7	0.0	0.0	0.0	2.5
Jun 04 -10 (23)	7.3	2.2	0.0	0.0	0.0	1.2	0.0	2.2	7.1	0.0
Jun 11-17 (24)	10.3	0.0	6.2	0.0	51.8	0.0	75.4	0.0	20.7	75.6
Jun 18 – 24 (25)	11.7	25.2	0.0	11.1	0.0	29.2	28.7	0.0	126.3	0.0
Jun 25 – Jul 01 (26)	21.0	53.1	12.4	0.0	8.9	14.0	1.0	56.7	129.2	12.9
Jul 02- Jul 08 (27)	25.0	40.8	15.1	2.4	0.0	8.7	1.8	39.1	12.4	93.5
Jul 09-15 (28)	24.7	0.0	11.1	45.6	18.5	38.4	13.4	14.2	0.0	19.0
Jul 16-22 (29)	41.9	1.2	31.5	41.0	9.0	111.3	81.5	31.6	48.3	57.8
Jul 23-29 (30)	31.9	0.0	0.0	67.0	47.7	14.7	23.7	70.8	1.5	74.0
Jul 30-Aug 05 (31)	35.5		45.2	145.1	149.9	0.0	17.7	0.0	9.5	4.3
Aug 06-12 (32)	27.0		9.8	3.1	0.0	30.6	63.0	22.1	3.8	0.8
Aug 13-19 (33)	21.5		0.0	55.0	0.0	17.5	15.4	0.6	29.2	5.3
Aug 20-26 (34)	22.2		7.8	0.0	0.5	11.7	0.0	0.8	25.5	6.8
Aug 27- Sept 02 (35)	16.7		0.0	0.0	15.7	0.0	0.0	1.1	34.6	63.2
Sept 03-09 (36)	14.8		0.0	0.0	100.2	32.5	27.7	8.9	49.5	0.0
Sept 10-16 (37)	20.8		0.0	1.2	44.3	0.0	0.0	29.2	0.0	0.0
Sept 17-23 (38)	5.6		12.7	44.3	142.0	7.0	0.0	44.6	0.0	0.0
Sept 24-30 (39)	12.3		0.0	146.3	141.0	0.0	2.2	32.0	0.0	2.8
Monsoon Withdrawal*	20 Sept		25 Sept	29 Sept	8 Oct	28 Sept	9 Oct	1 Oct	27 Sept	28 Sept
June	50.7	39.1	18.8	11.1	68.1	48.8	105.1	58.9	283.8	91.0
July	131.4	92.4	107.3	230.1	158.9	173.1	120.4	155.7	83.0	244.3
August	112.4		13.2	129.1	66.7	62.0	96.1	23.5	95.5	80.4
September	57.9		12.7	191.8	428.2	39.5	29.9	115.8	56.6	2.8
Total Rainy Days	20	4	13	21	25	20	15	14	23	19
Season Length	82		86	88	88	95	86	96	78	89
Monsoon (J,J,A,S)	352.4	131.5	152.0	562.1	730.2	323.4	351.5	353.9	518.9	418.5
Status/Remarks	Normal	Deficient	Deficient	L Excess	L Excess	Normal	Normal	Normal	Excess	Normal

SWM – South West Monsoon (June- September); *IMD Onset/Withdrawal Declaration, +

*Data updated till 24 July, 2024



Large Excess (>60%)



Excess (>20 to 59 %)



Normal (±19%)



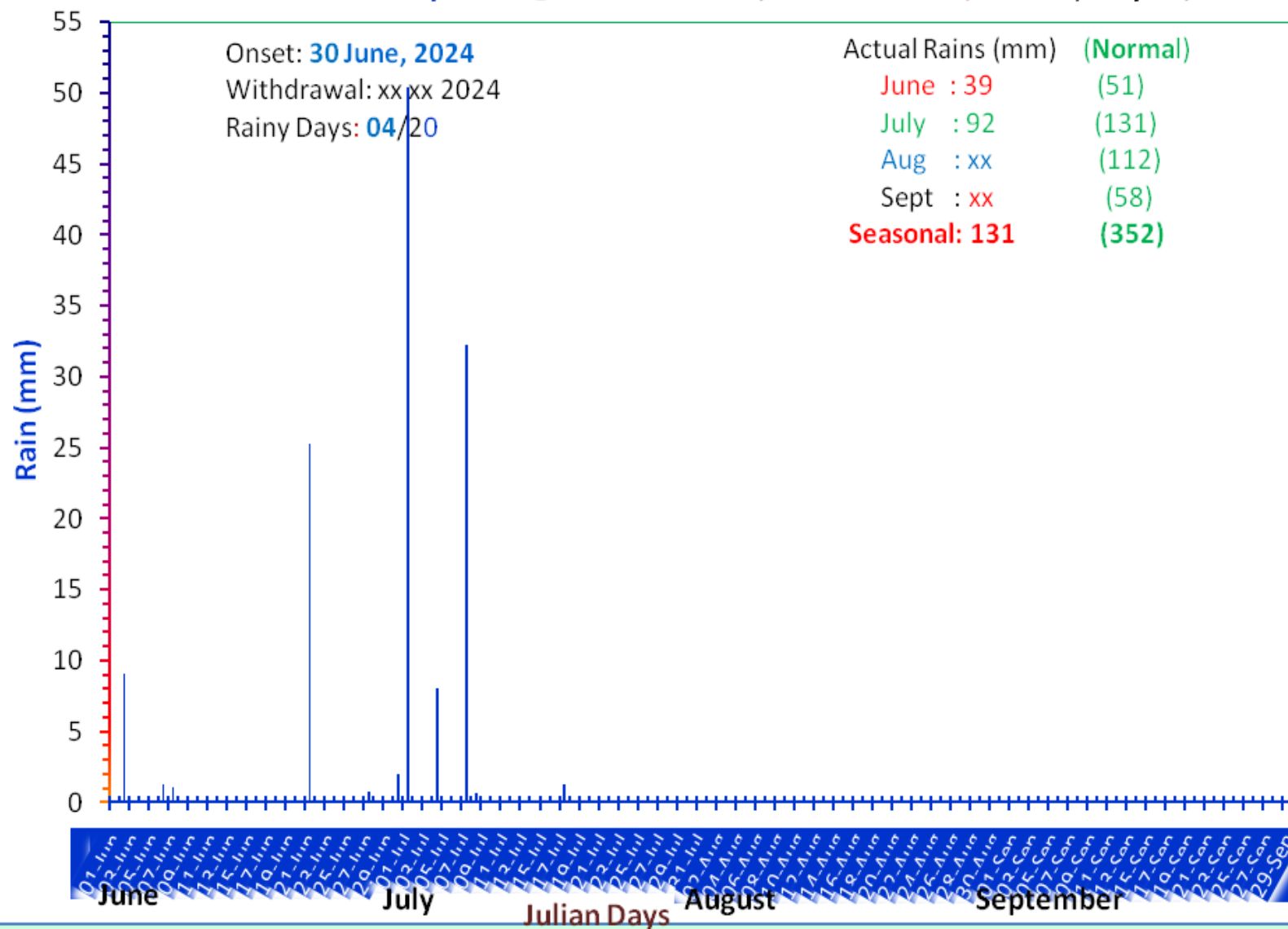
Deficient (-20 to -59 %)



Large Deficient (> -59 %)

New Terminology w.e.f. 2017, New withdrawal dates (Normal) w.e.f. 2020

SW Monsoon - 2024 : Daily Rains @ Research Farm, CCS HAU Hisar, India by July 24, 2024



SW Monsoon @ CCS HAU Hisar

(29°10'N-Alt; 75°46'E-Long; 215.2 m amsl-Alt)

i) Onset Date (1 July) : Normal

- Earliest onset : 14 June, 1966
- Most delayed : 29 July, 1951

ii) Withdrawal Date (15 September) : Normal

- Earliest withdrawal : 11 August, 1982
- Most delayed : 14 October, 1944

iii) Seasonal break-up (%) of Annual Rainfall

- | | |
|---|---------------|
| 1. SW Monsoon (June, July, August & September) | ≈ 78 Per cent |
| 2. Post Monsoon (October & November) | ≈ 03 Per cent |
| 3. Winter Season (December, January & February) | ≈ 07 Per cent |
| 4. Summer/Pre Monsoon (March, April & May) | ≈ 12 Per cent |

District wise Contingent Plans - <https://agricoop.gov.in/en/AgricultureContingencyPlan/HARYANA>