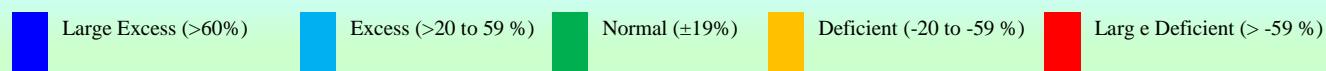


Summer Rainfall (mm) Dynamics during (SW Monsoon) Kharif Season @ Research Farm, CCS HAU Hisar

Week/Period	Normal	2019	2018	2017	2016	2015	2014	2013	2012	2011
Monsoon Onset*	1 July	16 July	28 June	12 July	2 July	25 June	3 July	16 June	9 July	8 July
May 28 – Jun 3 (22)	10.8	0.0	0	0	2.5	0	9.0	0.0	10.5	28.2
Jun 04 -10 (23)	7.3	0.0	2.2	7.1	0.0	0	0.0	0.0	0.0	0.0
Jun 11-17 (24)	10.3	75.4	0	20.7	75.6	40.4	37.5	97.3	0.0	0.0
Jun 18 – 24 (25)	11.7	28.8	0	126.3	0.0	51.6	10.6	0.0	15.0	9.4
Jun 25 – Jul 1 (26)	21.0	0.0	56.7	129.2	12.9	69.0	14.5	0.0	1.0	24.1
Jul 2- 8 (27)	25.0	1.8	39.1	12.4	93.5	52.8	13.5	51.5	0.0	11.4
Jul 9-15 (28)	24.7	13.4	14.2	0.0	19.0	24.7	0.0	66.7	26.6	13.1
Jul 16-22 (29)	41.9	81.5	31.6	48.3	57.8	77.3	9.3	30.5	50.0	45.7
Jul 23-29 (30)	31.9	23.7	70.8	1.5	74.0	0.0	49.4	0.0	0.0	0.7
Jul 30-Aug 5 (31)	35.5	17.7	0.0	9.5	4.3	9.7	12.0	69.0	0.0	1.1
Aug 6-12 (32)	27.0	63.0	22.1	3.8	0.8	17.8	0.0	76.5	98.3	24.6
Aug 13-19 (33)	21.5	2.1	0.6	29.2	5.3	19.0	0.0	154.2	12.3	4.6
Aug 20-26 (34)	22.2		0.8	25.5	6.8	0.8	0.0	0.0	171.9	62.9
Aug 27-Sept 2 (35)	16.7		1.1	34.6	63.2	8.0	1.0	0.0	0.0	5.1
Sept 3-9 (36)	14.8		8.9	49.5	0.0	0.0	76.7	0.0	8.6	79.2
Sept 10-16 (37)	20.8		29.2	0.0	0.0	0.0	4.8	0.0	17.3	25.8
Sept 17-23 (38)	5.6		44.6	0.0	0.0	9.4	0.0	114.5	7.3	33.8
Sept 24-30 (39)	12.3		32.0	0.0	2.8	10.4	0.0	19.9	0.0 ⁺	0.0
Monsoon Withdrawal*	15 Sept		1 Oct	27 Sept	28 Sept	8/29 Sept	23 Sept	4 Oct	25 Sept	23 Sept
June	50.7	104.3	58.9	283.8	91.0	161.0	71.6	97.3	26.5	47.4
July	131.4	120.4	155.7	83.0	244.3	156.1	74.7	159.2	76.6	76.0
August	112.4	82.8	23.5	95.5	80.4	54.8	34.2	288.2	282.5	95.7
September	57.9		115.8	56.6	2.8	19.8	81.5	134.4	33.2	140.3
Total Rainy Days	20	13	14	23	19	25	15	20	18	19
Monsoon (J,J,A,S)	352.4	307.5	355.6	518.9	418.5	391.7	262.0	679.1	418.8	359.4
Status/Remarks	Normal		Normal	Excess	Normal	Normal	Deficient	Excess	Normal	Normal

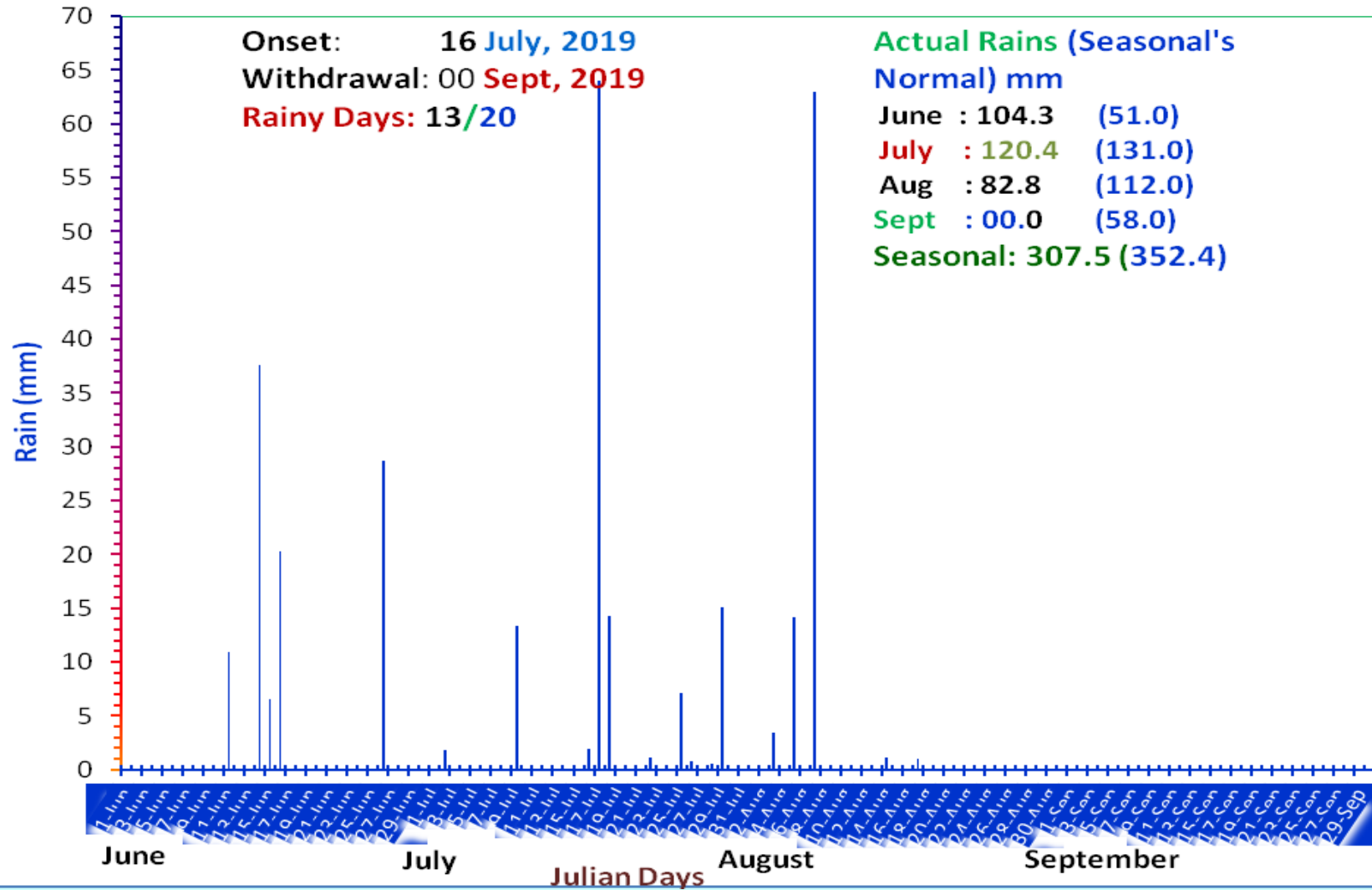
SWM – South West Monsoon (June- September); * IMD Onset/Withdrawal Declaration

Data updated till 17 Aug, 2019



New Terminology w.e.f. 2017

SW Monsoon - 2019 : Daily Rains @ Research Farm, CCS HAU Hisar, India as on 17 Aug, 2019



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 |