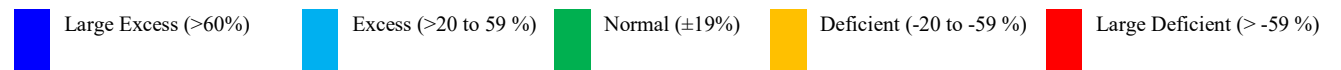


Summer Rainfall (mm) Dynamics during (SW Monsoon) *Kharif* Season @ Research Farm, CCS HAU Hisar

Week/Period	Normal	2021	2020	2019	2018	2017	2016	2015	2014	2013
<b>Monsoon Onset*</b>	<b>1 July</b>	<b>13 July</b>	<b>26 June</b>	<b>16 July</b>	<b>28 June</b>	<b>12 July</b>	<b>2 July</b>	<b>25 June</b>	<b>3 July</b>	<b>16 June</b>
May 27 – Jun 2 (22)	10.8	13.2	14.7	0.0	0	0	2.5	0	9.0	0.0
Jun 03 -09 (23)	7.3	0.0	1.2	0.0	2.2	7.1	0.0	0	0.0	0.0
Jun 10-16 (24)	10.3	51.8	0.0	75.4	0	20.7	75.6	40.4	37.5	97.3
Jun 17 – 23 (25)	11.7	0.0	29.2	28.7	0	126.3	0.0	51.6	10.6	0.0
Jun 24 – Jun 30 (26)	21.0	8.9	14.0	1.0	56.7	129.2	12.9	69.0	14.5	0.0
Jul 1- 7 (27)	25.0	0.0	8.7	1.8	39.1	12.4	93.5	52.8	13.5	51.5
Jul 8-14 (28)	24.7	18.5	38.4	13.4	14.2	0.0	19.0	24.7	0.0	66.7
Jul 15-21 (29)	41.9	9.0	111.3	81.5	31.6	48.3	57.8	77.3	9.3	30.5
Jul 22-28 (30)	31.9	47.7	14.7	23.7	70.8	1.5	74.0	0.0	49.4	0.0
Jul 29-Aug 4 (31)	35.5	149.9	0.0	17.7	0.0	9.5	4.3	9.7	12.0	69.0
Aug 5-11 (32)	27.0	0.0	30.6	63.0	22.1	3.8	0.8	17.8	0.0	76.5
Aug 12-18 (33)	21.5	0.0	17.5	15.4	0.6	29.2	5.3	19.0	0.0	154.2
Aug 19-25 (34)	22.2		11.7	0.0	0.8	25.5	6.8	0.8	0.0	0.0
Aug 26-Sept 1 (35)	16.7		0.0	0.0	1.1	34.6	63.2	8.0	1.0	0.0
Sept 2-8 (36)	14.8		32.5	27.7	8.9	49.5	0.0	0.0	76.7	0.0
Sept 9-15 (37)	20.8		0.0	0.0	29.2	0.0	0.0	0.0	4.8	0.0
Sept 16-22 (38)	5.6		7.0	0.0	44.6	0.0	0.0	9.4	0.0	114.5
Sept 23-29 (39)	12.3		0.0	2.2	32.0	0.0	2.8	10.4	0.0	19.9
<b>Monsoon Withdrawal*</b>	<b>20 Sept</b>		<b>28 Sept</b>	<b>9 Oct</b>	<b>1 Oct</b>	<b>27 Sept</b>	<b>28 Sept</b>	<b>8/29 Sept</b>	<b>23 Sept</b>	<b>4 Oct</b>
June	50.7	68.1	48.8	105.1	58.9	283.8	91.0	161.0	71.6	97.3
July	131.4	158.9	173.1	120.4	155.7	83.0	244.3	156.1	74.7	159.2
August	112.4	66.2	62.0	96.1	23.5	95.5	80.4	54.8	34.2	288.2
September	57.9		39.5	29.9	115.8	56.6	2.8	19.8	81.5	134.4
<b>Total Rainy Days</b>	<b>20</b>	<b>16</b>	<b>20</b>	<b>15</b>	<b>14</b>	<b>23</b>	<b>19</b>	<b>25</b>	<b>15</b>	<b>20</b>
<b>Season Length</b>	<b>92</b>		<b>104</b>	<b>96</b>	<b>105</b>	<b>87</b>	<b>98</b>	<b>106</b>	<b>92</b>	<b>120</b>
<b>Monsoon (J,J,A,S)</b>	<b>352.4</b>	<b>293.2</b>	<b>323.4</b>	<b>351.5</b>	<b>353.9</b>	<b>518.9</b>	<b>418.5</b>	<b>391.7</b>	<b>262.0</b>	<b>679.1</b>
<b>Status/Remarks</b>	<b>Normal</b>		<b>Normal</b>	<b>Normal</b>	<b>Normal</b>	<b>Excess</b>	<b>Normal</b>	<b>Normal</b>	<b>Deficient</b>	<b>Excess</b>

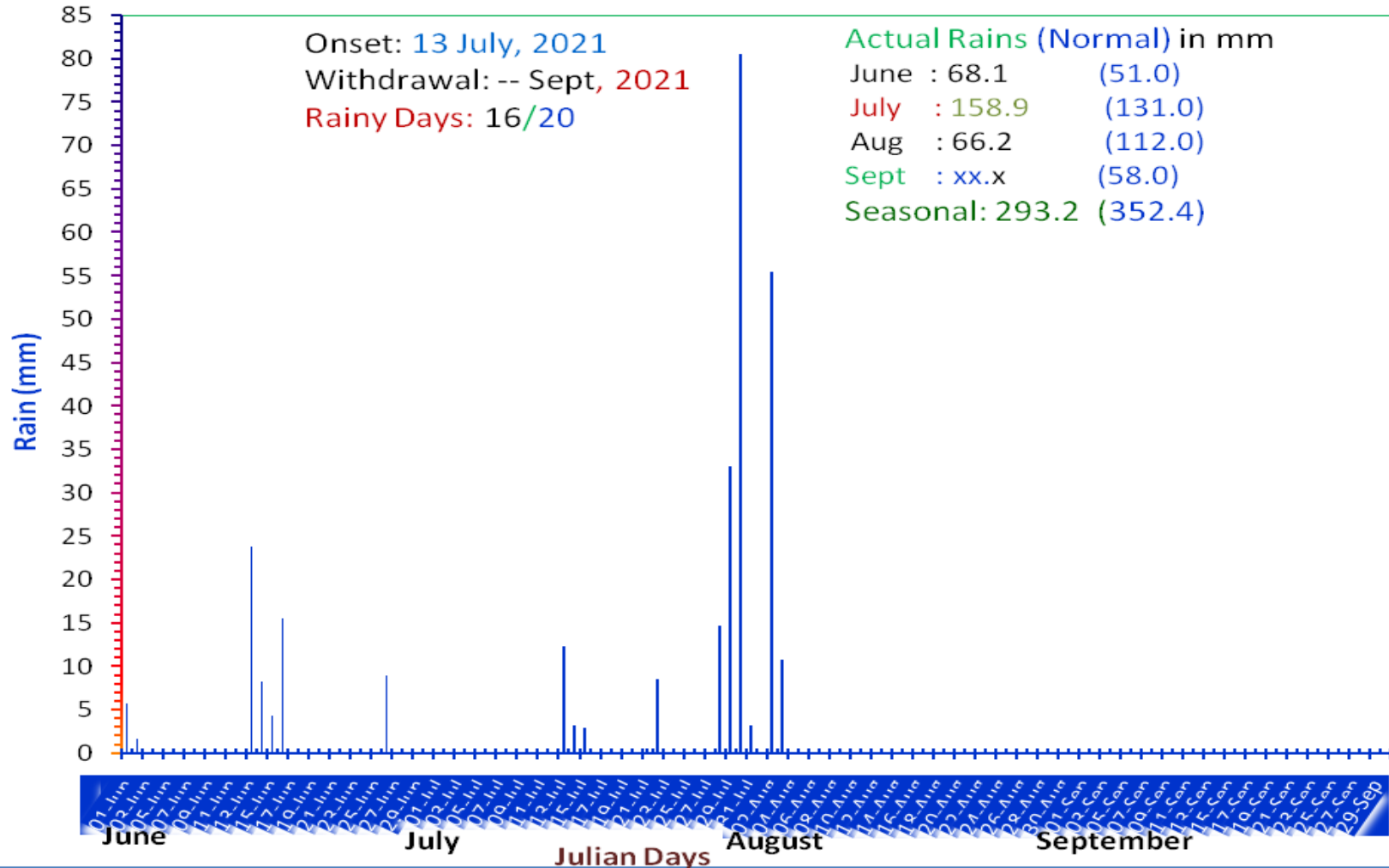
SWM – South West Monsoon (June- September); \* IMD Onset/Withdrawal Declaration, +

\*Data updated till 18 Aug, 2021



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

**SW Monsoon - 2021 : Daily Rains @ Research Farm, CCS HAU Hisar, India by 18 Aug, 2021**



## 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 |