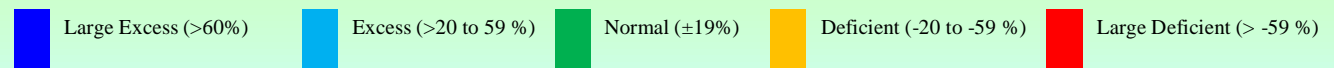


## Summer Rainfall (mm) Dynamics during (SW Monsoon) *Kharif* Season @ Research Farm, CCS HAU Hisar

Week/Period	Normal	2023	2022	2021	2020	2019	2018	2017	2016	2015
Monsoon Onset*	1 July	2 July	3 July	13 July	26 June	16 July	28 June	12 July	2 July	25 June
May 26 – Jun 01 (22)	10.8	16.0	0.0	13.2	14.7	0.0	0	0	2.5	0
Jun 02 -08 (23)	7.3	0.0	0.0	0.0	1.2	0.0	2.2	7.1	0.0	0
Jun 09-15 (24)	10.3	6.2	0.0	51.8	0.0	75.4	0	20.7	75.6	40.4
Jun 16 – 22 (25)	11.7	0.0	11.1	0.0	29.2	28.7	0	126.3	0.0	51.6
Jun 23 – Jun 29 (26)	21.0	12.4	0.0	8.9	14.0	1.0	56.7	129.2	12.9	69.0
Jun 30- Jul 06 (27)	25.0	15.1	2.4	0.0	8.7	1.8	39.1	12.4	93.5	52.8
Jul 7-13 (28)	24.7	11.1	45.6	18.5	38.4	13.4	14.2	0.0	19.0	24.7
Jul 14-20 (29)	41.9	31.5	41.0	9.0	111.3	81.5	31.6	48.3	57.8	77.3
Jul 21-27 (30)	31.9	0.0	67.0	47.7	14.7	23.7	70.8	1.5	74.0	0.0
Jul 28-Aug 03 (31)	35.5	45.2	145.1	149.9	0.0	17.7	0.0	9.5	4.3	9.7
Aug 04-10 (32)	27.0	9.8	3.1	0.0	30.6	63.0	22.1	3.8	0.8	17.8
Aug 11-17 (33)	21.5	0.0	55.0	0.0	17.5	15.4	0.6	29.2	5.3	19.0
Aug 18-24 (34)	22.2	7.8	0.0	0.5	11.7	0.0	0.8	25.5	6.8	0.8
Aug 25-Sept 1 (35)	16.7	0.0	0.0	15.7	0.0	0.0	1.1	34.6	63.2	8.0
Sept 2-8 (36)	14.8	0.0	0.0	100.2	32.5	27.7	8.9	49.5	0.0	0.0
Sept 9-15 (37)	20.8	0.0	1.2	44.3	0.0	0.0	29.2	0.0	0.0	0.0
Sept 16-22 (38)	5.6	12.7	44.3	142.0	7.0	0.0	44.6	0.0	0.0	9.4
Sept 23-29 (39)	12.3		146.3	141.0	0.0	2.2	32.0	0.0	2.8	10.4
Monsoon Withdrawal*	20 Sept		29 Sept	8 Oct	28 Sept	9 Oct	1 Oct	27 Sept	28 Sept	8/29 Sept
June	50.7	18.8	11.1	68.1	48.8	105.1	58.9	283.8	91.0	161.0
July	131.4	107.3	230.1	158.9	173.1	120.4	155.7	83.0	244.3	156.1
August	112.4	13.2	129.1	66.7	62.0	96.1	23.5	95.5	80.4	54.8
September	57.9	12.7	191.8	428.2	39.5	29.9	115.8	56.6	2.8	19.8
<b>Total Rainy Days</b>	<b>20</b>	<b>13</b>	<b>21</b>	<b>25</b>	<b>20</b>	<b>15</b>	<b>14</b>	<b>23</b>	<b>19</b>	<b>25</b>
<b>Season Length</b>	<b>82</b>	<b>??</b>	<b>88</b>	<b>88</b>	<b>95</b>	<b>86</b>	<b>96</b>	<b>78</b>	<b>89</b>	<b>97</b>
<b>Monsoon (J,J,A,S)</b>	<b>352.4</b>	<b>152.0</b>	<b>562.1</b>	<b>730.2</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>Status/Remarks</b>	<b>Normal</b>	<b>Deficient</b>	<b>L Excess</b>	<b>L Excess</b>	<b>Normal</b>	<b>Normal</b>	<b>Normal</b>	<b>Excess</b>	<b>Normal</b>	<b>Normal</b>

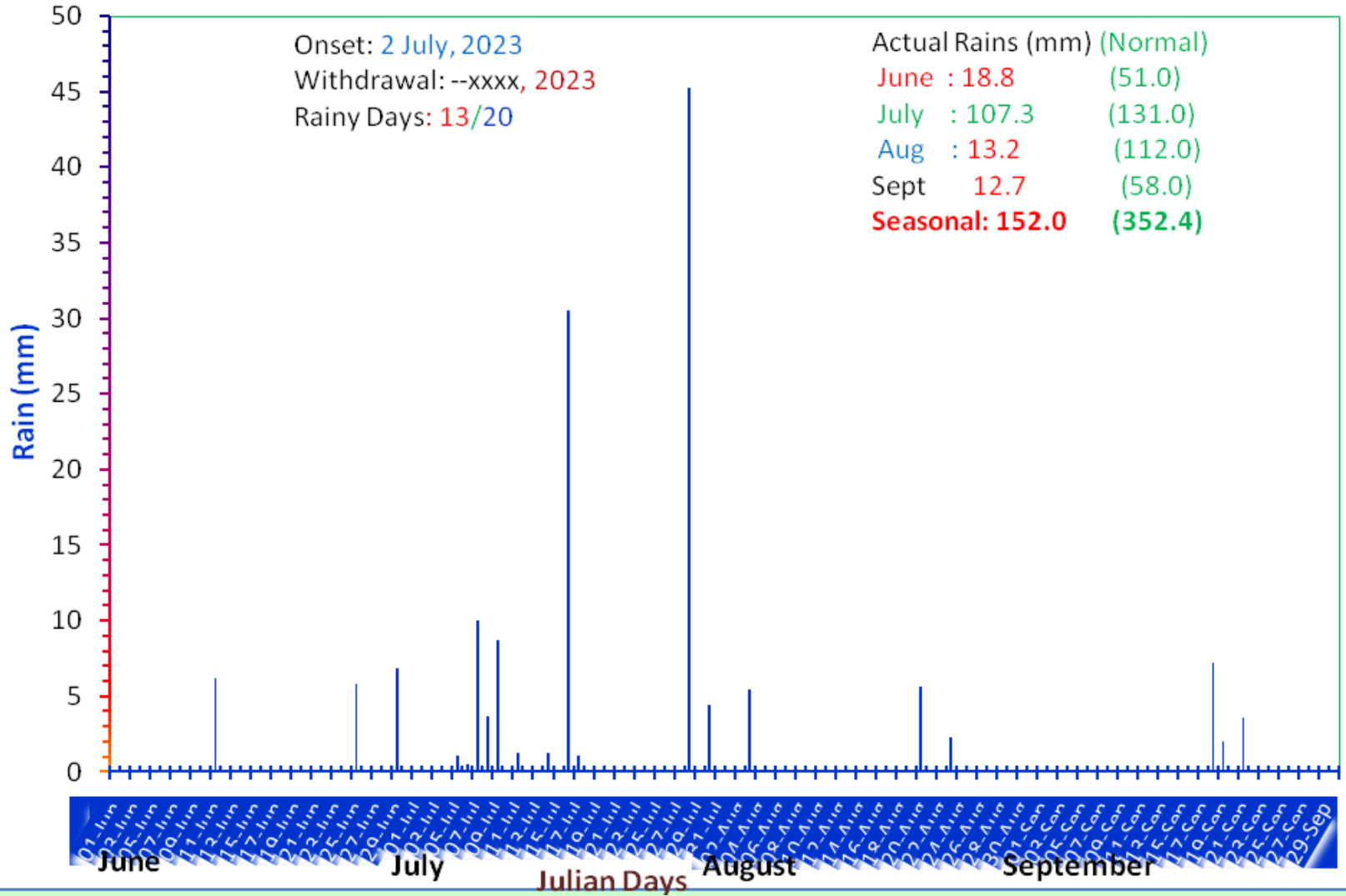
SWM – South West Monsoon (June- September); \*IMD Onset/Withdrawal Declaration, <sup>+</sup>

\*Data updated till 21 Sept, 2023



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

**SW Monsoon - 2023 : Daily Rains @ Research Farm, CCS HAU Hisar, India by 21 Sept, 2023**



## 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) - <https://agricoop.gov.in/en/AgricultureContingencyPlan/HARYANA>