

**Government of India**  
**India Meteorological Department**  
**Meteorological Centre**  
**SHIMLA – 171 001.**  
**Fax Message Dated 3<sup>rd</sup> Aug 2009**

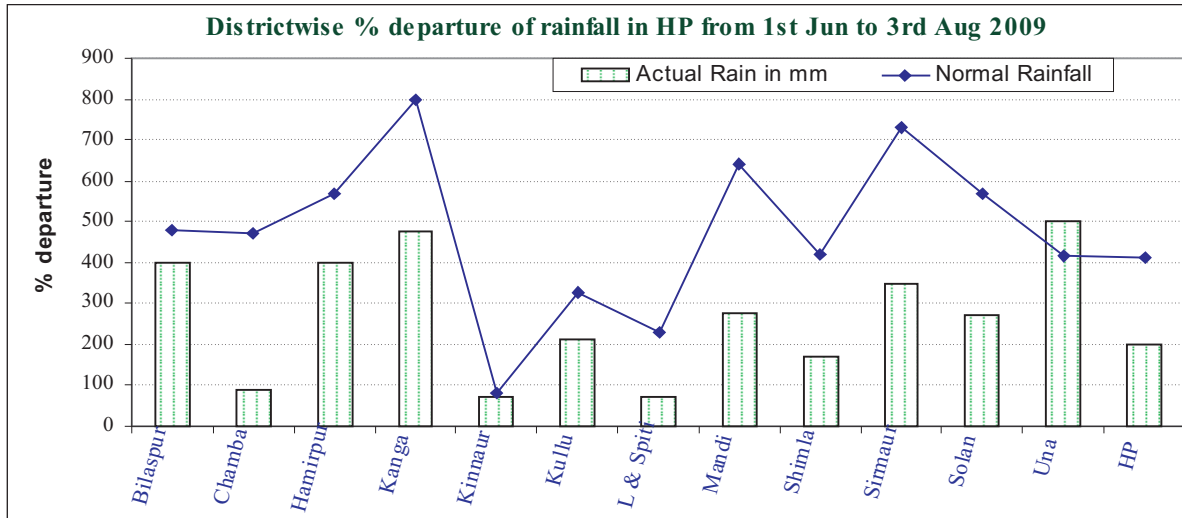
**Sub: Monsoon Rainfall in Himachal Pradesh from 1<sup>st</sup> June to 3<sup>rd</sup> Aug 2009**

During this year, the South-west monsoon from 1<sup>st</sup> June to 3<sup>rd</sup> Aug 2009 in Himachal Pradesh is 51% below the normal rainfall in HP. The district wise monsoon rain fall from 1<sup>st</sup> June to 3<sup>rd</sup> Aug 2009 is shown in Fig-I. In district Bilaspur, Una & Kinnaur the rainfall has become normal due to the good amount of rainfall occurred during past weeks. The other entire districts have less rainfall for the period from 1<sup>st</sup> June to 3<sup>rd</sup> Aug 2009.

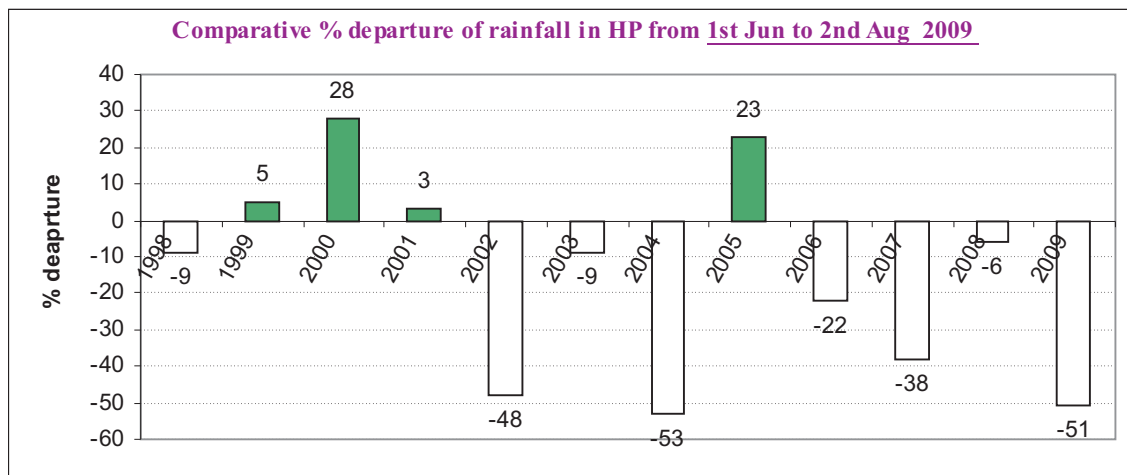
Fig –II gives the comparative rainfall during the period of 1<sup>st</sup> June to 2<sup>nd</sup> Aug w.e.f 2009. In last ten years, the rainfall was also deficit in 2002, 2004, 2006, 2007 & 2009. However, **the maximum deficit during this period viz from 1<sup>st</sup> Jun to 2<sup>nd</sup> Aug was in 2004.**

Fig-III shows the weekly rainfall w.e.f 1st week of May 2009, which shows improvement in the rainfall since last 3 weeks. And fig-IV shows the cumulative daily rainfall in HP. And fig-V shows the daily rainfall position in HP for the same period.

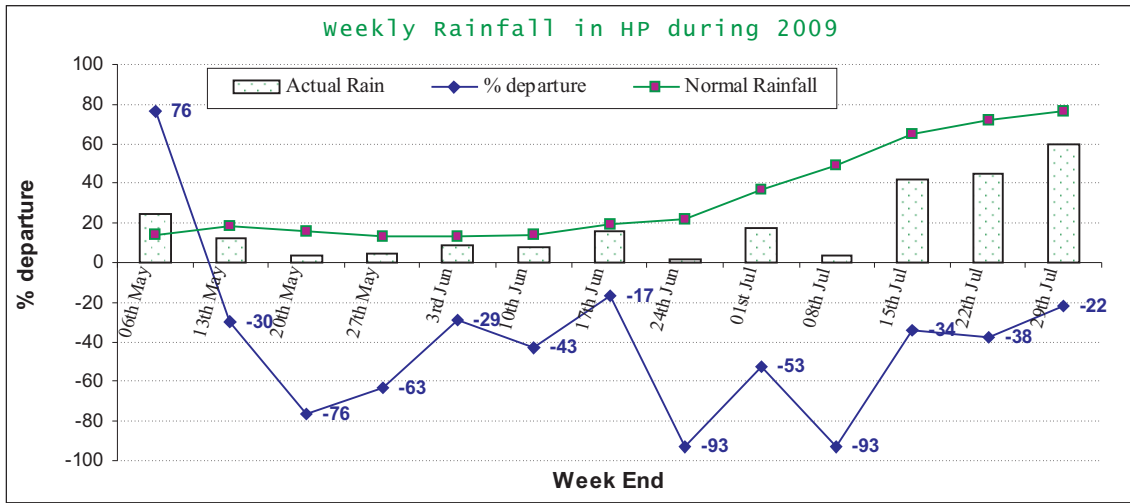
<b>Weekly Rainfall</b>			
<b>23-July-2009 To 29-July-2009</b>			
<b>District</b>	<b>Actual Rain (mm)</b>	<b>Normal Rainfall</b>	<b>% Departure from Normal</b>
<b>Bilaspur</b>	44.2	67.6	-35
<b>Chamba</b>	232.7	87.3	+167
<b>Hamirpur</b>	18.5	93.6	-80
<b>Kanga</b>	173.4	107.3	+62
<b>Kinnaur</b>	177.4	168.5	+5
<b>Kullu</b>	4.4	11	-60
<b>L &amp; Spiti</b>	22.0	51.4	-57
<b>Mandi</b>	14.4	44.9	-68
<b>Shimla</b>	66.4	118.3	-44
<b>Sirmaur</b>	97.7	134.0	-27
<b>Solan</b>	131.5	89.0	+48
<b>Una</b>	237.7	82.7	+187
<b>HP</b>	60.0	76.6	-22



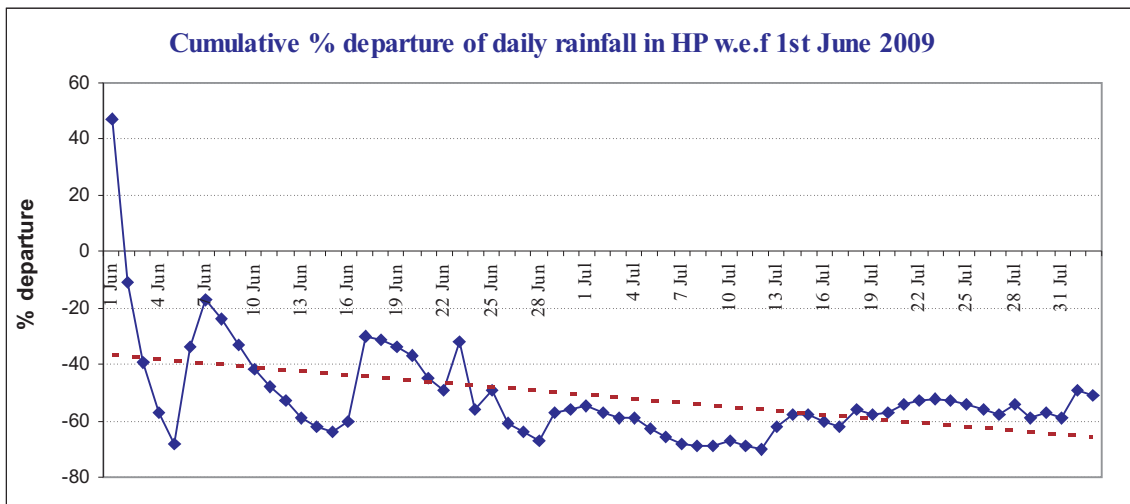
**Fig-I**



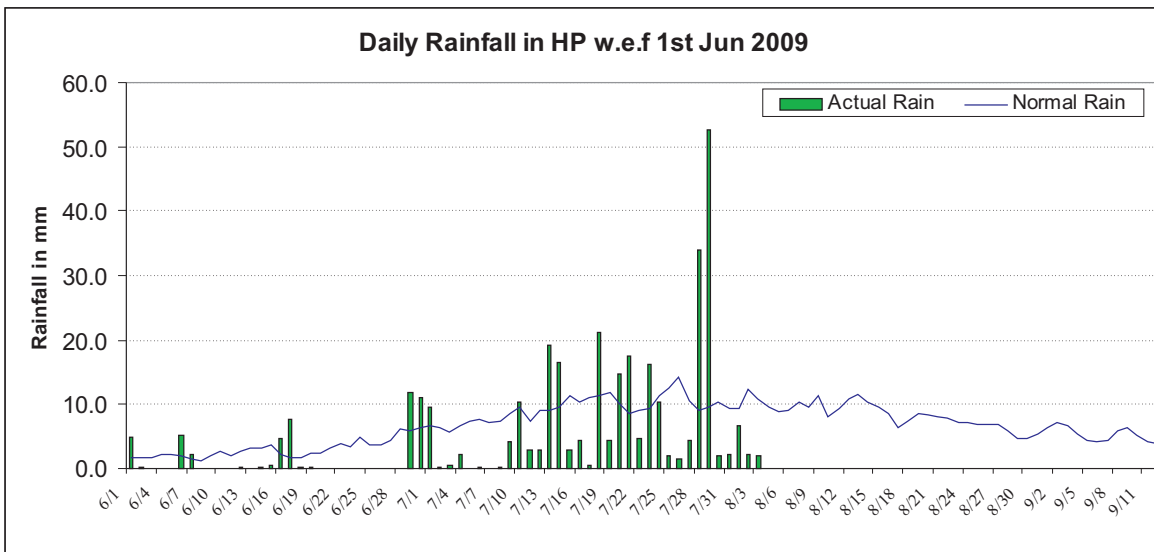
**Fig -II**



**Fig -III**



**Fig-IV**



**Fig -V**

**(MANMOHAN SINGH  
DIRECTOR**

**Copy to:**

- |  |               |
|--|---------------|
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| 2. Director, State Agriculture Department                        | 0177- 2830612 |
| 3. Director, State Horticulture Department                       | 0177- 2842389 |
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| 5. Univ. of Agriculture, Palampur & Univ. of Horticulture, Solan |               |
| 6. AIR/DD & other Print Media                                    |               |