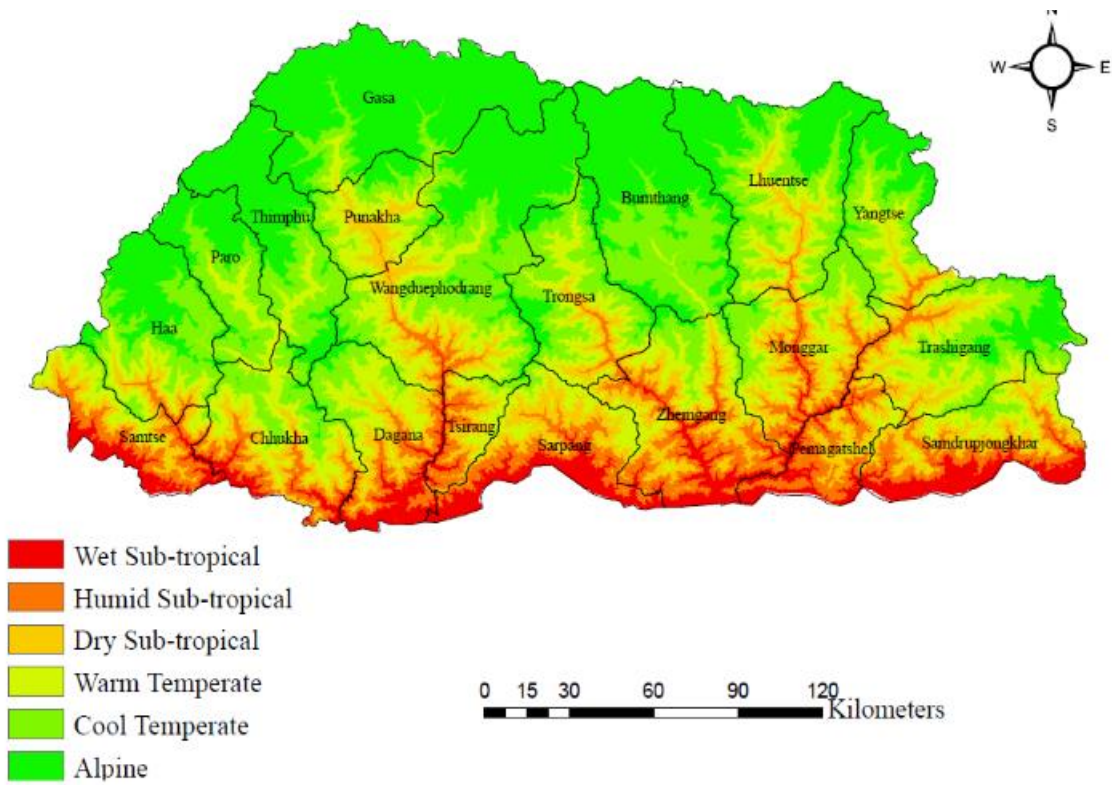




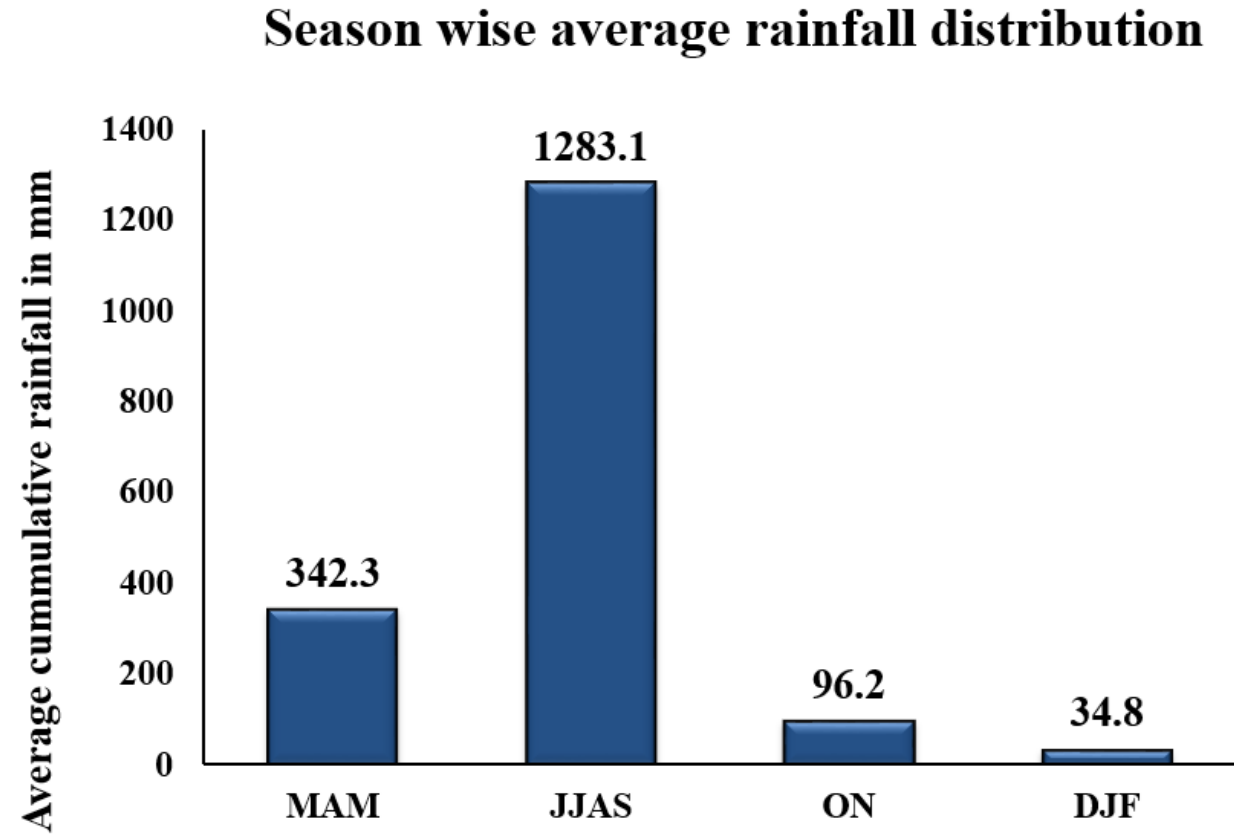
Drought Monitoring and Management

**National Center for Hydrology and Meteorology
Bhutan**

Webinar on Drought monitoring and management
7th July, 2021



- 6 agro-ecological zones
- 4 seasons (Spring, Summer, Autumn and Winter)



MAM	JJAS	ON	DJF
19.49%	73.05%	5.48%	1.98%



Drought hits Tsirang farmers

May 11th, 2016 | Post Views: 286

Yield is expected to drop by up to 70 percent

Disaster: With almost no rainfall in the past few months food and cash crops are drying up in Tsirang.

The dry spell has left farmers worried, with some even beginning to panic.

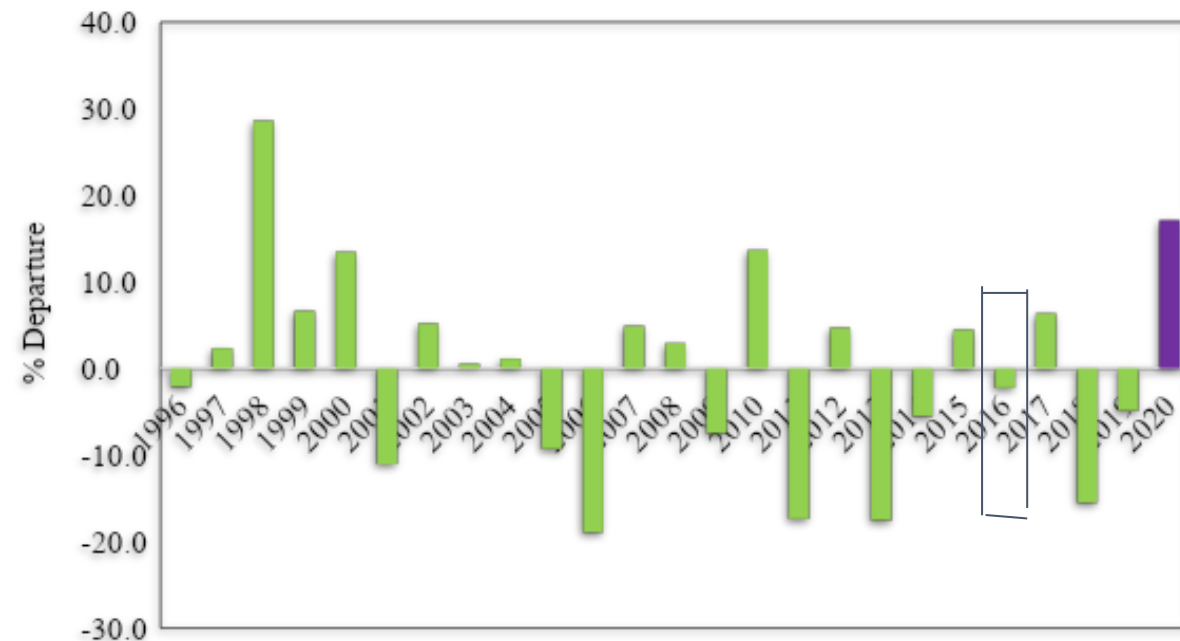
Norjangsha tshogpa Gopal Gurung said that almost all of Kilkorthang gewog's maize fields are drying up. Although the maize crops have not completely turned yellow, leaves have withered. By this time of the year, the maize plants produce fruits or ears.

Gopal Gurung explained that if maize plants are not able to bear fruits at this time of the year, it will not happen later. While some maize plants have borne fruit, the fruit is not fully developed.

"It so dry that it can't be used as fodder," he said. He added that while Tsirang has received some light rainfalls, the sun and hot temperatures the following day negated any effect.

The situation is worse in Semjong gewog.

Percentage departure of observed JJAS 2020 rainfall from the mean



Forest Fire

- In Bhutan, forest fire incidence is normally high during the dry winter months.
- In less than a decade, Bhutan recorded a total of 1403 forest fire incidents.



Thank you for your attention!