

# SOLAR FLARES THE FOOD CROPS

17<sup>TH</sup> NOVEMBER, 2020

---

ARTIFICIAL INTELLIGENCE

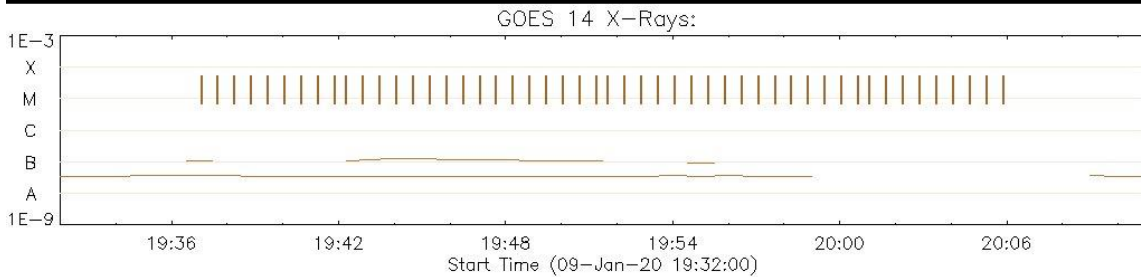
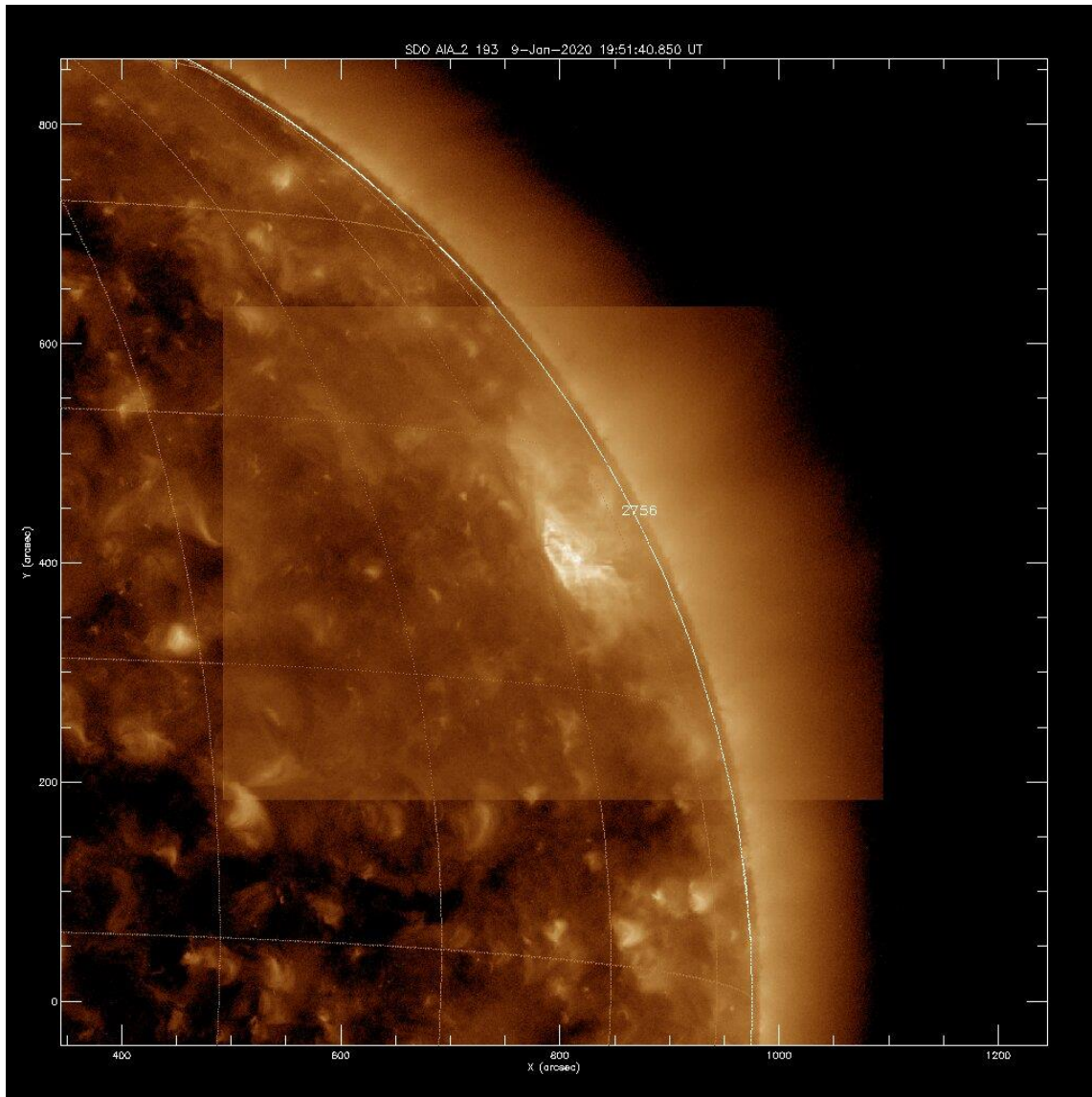
DIGITAL TECHNOLOGIES



By Ashwini Sathnur,

Capacity Development Expert in United Nations Development  
Programme

Solar flares is a gush of an eruption from the surface of the sun. It expands outwards and then begins traversing towards the direction of the outer regions of the solar system.



It passes by the planets Mercury, Venus, Earth and so on. Chemical properties of various elements are contained in this solar flares. The nature of these elements also flow through the flares when it reaches the Earth.

The solar flares strikes the surface of the Earth and transmits these chemicals to the Earth.

The various elements of biodiversity also receive these chemicals and minerals. The effects of these chemicals reach the humans and may affect the neuronal functioning of these individuals, who are located on the surface of the Earth.

To enable the normal functioning of these affected humans, accessibility product solutions are recommended to them.

The solar flares may also have an impact on the agricultural lands. The expected quantity of the food crops may vary depending on the impact of these solar flares.

The total reaped output food crops is then supplied to the marketplaces for the objective of enabling the marketability to the consumers. The customers would reach out to these marketplaces for purchasing the food crops for the causes of the necessary food consumption requirements.

Thus leading to the supply demand management of the resultant food crops!

The detailed information about the product solution titled “Solar flares and the food crops” is provided in the below mentioned website URL and link:-

<https://solarflaresandthefoodcrops.webnode.in/>



The output of the product solution is provided here below:-

Outcome number 1:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

Mekedatu

Agricultural land is in region Mekedatu

The agricultural land located in the region Mekedatu is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

50

The reading value is 50

The magnetic field readings measured from the sensor at the region Mekedatu is No solar flares

The agricultural land is not exposed to the solar flares

Entering into the food crop value chain

Enter the expected quantity of food crops:

5000

The expected quantity value is 5000

During normal times, what is the quantity of food crops grown?

350

The quantity of the food crops that is grown during normal times is 350 kgs.

The quantity of the food crops which the farmer expects is 5000 kgs.

While during normal times, the quantity of the food crops is 350 kgs.

The solar flares did not have any impact on the generation of the food crops

The food crops is supplied to the marketplaces for the objective of creating human food consumption

Welcome into the marketplaces for selling the food crops and enabling sales and marketability

Do you wish to market the food crops for consumption? Yes or No

Yes

Enter the required quantity of the food crops:

250

The number of customers is 1

There is an available quantity of the supply of the food crops for the objective of human consumption

No hunger

Outcome number 2:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

Nainital

Agricultural land is in region Nainital

The agricultural land located in the region Nainital is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

40

The reading value is 40

The magnetic field readings measured from the sensor at the region Nainital is No solar flares

The agricultural land is not exposed to the solar flares

Entering into the food crop value chain

Enter the expected quantity of food crops:

500

The expected quantity value is 500

During normal times, what is the quantity of food crops grown?

1000

The quantity of the food crops that is grown during normal times is 1000 kgs.

The quantity of the food crops which the farmer expects is 500 kgs.

While during normal times, the quantity of the food crops is 1000 kgs.

The solar flares did have an impact on the food crops generation

Due to the reason that the expected outcome of that land's farming is lower than the outcome which would be captured during the normal times

The food crops is supplied to the marketplaces for the objective of creating human food consumption

Welcome into the marketplaces for selling the food crops and enabling sales and marketability

Do you wish to market the food crops for consumption? Yes or No

yes

Enter the required quantity of the food crops:

100

The number of customers is 1

There is an available quantity of the supply of the food crops for the objective of human consumption

No hunger

Outcome number 3:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

Jammu

Agricultural land is in region Jammu

The agricultural land located in the region Jammu is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

120

The reading value is 120

There is an occurrence of eruption of the solar flares on the agricultural land

The magnetic field readings measured from the sensor at the region Jammu is 120

The agricultural land is exposed to the solar flares

Outcome number 4:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

Jammu

Agricultural land is in region Jammu

The agricultural land located in the region Jammu is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

1245

The reading value is 1245

There is an occurrence of eruption of the solar flares on the agricultural land

The magnetic field readings measured from the sensor at the region Jammu is 1245

The agricultural land is exposed to the solar flares

Outcome number 5:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

Ganga

Agricultural land is in region Ganga

The agricultural land located in the region Ganga is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

50

The reading value is 50

The magnetic field readings measured from the sensor at the region Ganga is No solar flares

The agricultural land is not exposed to the solar flares

Entering into the food crop value chain

Enter the expected quantity of food crops:

100

The expected quantity value is 100

During normal times, what is the quantity of food crops grown?

5000

The quantity of the food crops that is grown during normal times is 5000 kgs.

The quantity of the food crops which the farmer expects is 100 kgs.

While during normal times, the quantity of the food crops is 5000 kgs.

The solar flares did have an impact on the food crops generation

Due to the reason that the expected outcome of that land's farming is lower than the outcome which would be captured during the normal times

The food crops is supplied to the marketplaces for the objective of creating human food consumption

Welcome into the marketplaces for selling the food crops and enabling sales and marketability

Do you wish to market the food crops for consumption? Yes or No

yes

Enter the required quantity of the food crops:

150

The number of customers is 1

There is a shortage of supply of the food crops for the objective of human consumption

There is an occurrence of hunger due to an inadequate supply of the food crops

The lack of food could lead to possible human health issues

Enter the health issue that you are undergoing:

visual

Accessibility for visually impaired persons product solution is recommended

There is a necessary requirement of the Accessibility product solution for the health issue that this person is undergoing

Hunger exists

Outcome number 7:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

gorakhpur

Agricultural land is in region gorakhpur

The agricultural land located in the region gorakhpur is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

10

The reading value is 10

The magnetic field readings measured from the sensor at the region gorakhpur is No solar flares

The agricultural land is not exposed to the solar flares

Entering into the food crop value chain

Enter the expected quantity of food crops:

1000

The expected quantity value is 1000

During normal times, what is the quantity of food crops grown?

500

The quantity of the food crops that is grown during normal times is 500 kgs.

The quantity of the food crops which the farmer expects is 1000 kgs.

While during normal times, the quantity of the food crops is 500 kgs.

The solar flares did not have any impact on the generation of the food crops

The food crops is supplied to the marketplaces for the objective of creating human food consumption

Welcome into the marketplaces for selling the food crops and enabling sales and marketability

Do you wish to market the food crops for consumption? Yes or No

yes

Enter the required quantity of the food crops:

6000

The number of customers is 1

There is a shortage of supply of the food crops for the objective of human consumption

There is an occurrence of hunger due to an inadequate supply of the food crops

The lack of food could lead to possible human health issues

Enter the health issue that you are undergoing:

hearing

Accessibility for hearing impaired persons product solution is recommended

There is a necessary requirement of the Accessibility product solution for the health issue that this person is undergoing

Hunger exists

Outcome number 8:-

Solar flares is an eruption of the solar storms from the surface of the sun

It travels outwards from the surface of the sun towards the Earth

Also rushes towards the outer planets in the solar system

It also strikes incident on the surface of the Earth at a particular angle

This phenomenon could be observed by the farmers also!

The region on the surface of the Earth where the solar flares is incident is captured

Enter the agricultural land region:

gorakhpur

Agricultural land is in region gorakhpur

The agricultural land located in the region gorakhpur is exposed to the solar flares

Take the readings from the magnetometer

Enter the reading of the magnetic field:

10

The reading value is 10

The magnetic field readings measured from the sensor at the region gorakhpur is No solar flares

The agricultural land is not exposed to the solar flares

Entering into the food crop value chain

Enter the expected quantity of food crops:

1000

The expected quantity value is 1000

During normal times, what is the quantity of food crops grown?

500

The quantity of the food crops that is grown during normal times is 500 kgs.

The quantity of the food crops which the farmer expects is 1000 kgs.

While during normal times, the quantity of the food crops is 500 kgs.

The solar flares did not have any impact on the generation of the food crops

The food crops is supplied to the marketplaces for the objective of creating human food consumption

Welcome into the marketplaces for selling the food crops and enabling sales and marketability

Do you wish to market the food crops for consumption? Yes or No

yes

Enter the required quantity of the food crops:

6000

The number of customers is 1

There is a shortage of supply of the food crops for the objective of human consumption

There is an occurrence of hunger due to an inadequate supply of the food crops

The lack of food could lead to possible human health issues

Enter the health issue that you are undergoing:

Cognitive

Accessibility for cognitive development health issues product solution is recommended

There is a necessary requirement of the Accessibility product solution for the health issue that this person is undergoing

Hunger exists

A screenshot of the executed version of the implemented product solution is provided here below:-