



# SPCR NEWS-Cambodia



**General Secretariat of National Council for Sustainable Development**  
**Strategic Program for Climate Resilience (SPCR)**

**Department of Climate Change**  
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## Announcement: Second Weather Forecast for 2020

After continuously monitoring global and regional climate change, the Ministry of Water Resources and Meteorology informs the public of the second forecast for 2020 as follows:

### 1. Global phenomenon

Based on the temperature of the Pacific Ocean near the equator, Cambodia will be affected by Neutral phenomena between El Nino and La Nina from April to October 2020, causing climate: Neutral 60%, El Nino 10% and La Nina 30 in October.

### 2. Rainy Season in 2020

a. Beginning of the rainy season: 2020 will come sooner than 2019, with the rainy season usually beginning mid-May with average or average annual rainfall. Thunderstorms and windstorms will be more likely in May and June.

b. Mid-rainy season: August and September rainfall may well spread throughout the country with moderate to heavy rainfall, which may cause some provinces with lowland geography near the plateau, plateau and high waterways to face flooding. Rainfall is also caused by excessive rainfall.

### c. End of rainy season

- Highland Provinces: The rainy season may end in the second week of November with low to medium rainfall.
- Provinces in the central plains and estuaries: the rainy season may end there Week 3 November with low rainfall

### 3. Small dry season

The dry season may occur in the second week through the end of July 2020.

### 4. Storm status

By 2020, there will be about 24-26 storms in the Pacific and 4-5 direct storms in the South China Sea.

In view of the above mentioned weather forecast, the Ministry of Water Resources and Meteorology would like to inform all relevant ministries, local authorities and the public.



ក្រសួងធនធានទឹក និងនគរូបនីយកម្ម

លេខ ០៧៤ អនក្រ.បក

**សេចក្តីជូនដំណឹង**  
**ស្តីពី ការព្យាករណ៍អាកាសធាតុរដូវក្តៅ ២ សម្រាប់ឆ្នាំ ២០២០**

បន្ទាប់ពីបានធ្វើការតាមដាន ការវិវត្តន៍ស្ថានភាពអាកាសធាតុជាបន្តបន្ទាប់ ជាលក្ខណៈសកល និងតំបន់ ក្រសួងធនធានទឹក និងនគរូបនីយកម្ម សូមជម្រាបជូនដំណឹងដល់សាធារណជន ឲ្យបានជ្រាប អំពីការព្យាករណ៍អាកាសធាតុរដូវក្តៅ ២ សម្រាប់ឆ្នាំ ២០២០ ដូចខាងក្រោម ៖

**១- បញ្ហាសកល ៖**

ផ្អែកទៅលើស្ថានភាពសីតុណ្ហភាពលើផ្ទៃសមុទ្រប៉ាស៊ីហ្វិក ក្បែរខ្សែអេក្វាទ័រ បានបង្ហាញឲ្យឃើញថា ក្នុងឆ្នាំ ២០២០ នេះ ព្រះរាជាណាចក្រកម្ពុជាទទួលរងនូវឥទ្ធិពលពីបាតុភូត ( Neutral ) ដែលជាបាតុភូតអន្តរកាល ចន្លោះរវាងបាតុភូត El Nino ( ក្តៅ ) និង La Nina ( ត្រជាក់ ) ។ ចាប់ពីខែមេសា រហូតដល់ខែតុលា ឆ្នាំ ២០២០ ( រយៈពេល ០៦ ខែ ) បាតុភូតធម្មជាតិដែលមានឥទ្ធិពលមកលើអាកាសធាតុព្រះរាជាណាចក្រកម្ពុជាមាន ៖ បាតុភូត Neutral មាន ៦០ % បាតុភូត El Nino មាន ១០ % និងបាតុភូត La Nina មាន ៣០ % នៅក្នុងខែតុលា ។

**២- រដូវវស្សាឆ្នាំ ២០២០ ៖**

ក- ដើមរដូវវស្សា ៖ រដូវវស្សាឆ្នាំ ២០២០ នឹងចូលមកដល់លើខែកញ្ញាឆ្នាំ ២០១៩ ដែលជាប្រក្រតីភាពរដូវវស្សា តែងចាប់ផ្តើមនៅពាក់កណ្តាលខែនិសា ជាមួយនិងបរិមាណទឹកភ្លៀងពីមធ្យមទៅបង្ហូរដែលស្មើ ឬលើមធ្យមភាគច្រើនឆ្នាំ ។ បាតុភូតផ្តុំ រដូវ ៖ និងខ្យល់កខ្លាំង នឹងអាចបន្តកើតមានច្រើននៅក្នុងខែនិសា និងខែមិថុនា

ខ- ពាក់កណ្តាលរដូវវស្សា ៖ នៅក្នុងខែសីហា និងខែកញ្ញា ភ្លៀងនឹងអាចធ្លាក់កាយបាយបានល្អលើផ្ទៃប្រទេស ជាមួយនិងបរិមាណទឹកភ្លៀងពីមធ្យមទៅច្រើន ក្នុងនោះក៏នឹងអាចបណ្តាលឲ្យទន្លេមួយចំនួន ដែលមានភូមិសាស្ត្រនៅទំនាបជាប់ក្បែរតំបន់ចូរឡី តំបន់ខ្ពង់រាប និងតំបន់ជាប់នឹងផ្លូវទឹក ប្រឈមខ្ពស់នឹងជំនន់ទឹកភ្លៀង ដែលបណ្តាលមកពីការធ្លាក់ភ្លៀងច្រើនលើសលប់ផងដែរ ។

**គ- ចុងរដូវវស្សា ៖**

- បណ្តាខេត្តនៅតំបន់ខ្ពង់រាប ៖ រដូវវស្សា អាចនឹងបញ្ចប់នៅក្នុងសប្តាហ៍ទី ២ នៃខែវិច្ឆិកា ជាមួយនិងបរិមាណទឹកភ្លៀងពីតិច ទៅមធ្យម ។
- បណ្តាខេត្តនៅតំបន់វាលទំនាបកណ្តាល និងតំបន់មាត់សមុទ្រ ៖ រដូវវស្សាអាចនឹងបញ្ចប់នៅក្នុងសប្តាហ៍ទី ៣ នៃខែវិច្ឆិកា ជាមួយនិងបរិមាណទឹកភ្លៀងពីតិចទៅបង្ហូរ

**៣- គុណផលប៉ះពាល់ ៖**

គុណផលប៉ះពាល់ អាចនឹងកើតមាននៅក្នុងសប្តាហ៍ទី ២ នៃខែកក្កដា រហូតដល់ដំណាច់ខែកក្កដា ឆ្នាំ ២០២០ ។

**៤- ស្ថានភាពល្អ ៖**

នៅក្នុងឆ្នាំ ២០២០ នេះ អាចនឹងមានល្អកើតឡើងប្រមាណពី ២៤-២៦ ល្អ៖ នៅក្នុងមហាសមុទ្រប៉ាស៊ីហ្វិក និងពី ៤-៥ ល្អ៖ ដែលកើតផ្ទាល់នៅក្នុងសមុទ្រចិនខាងត្បូង ។

យោងលើស្ថានភាពអាកាសធាតុ ដូចបានព្យាករណ៍ និងជម្រាបជូនខាងលើ ក្រសួងធនធានទឹក និងនគរូបនីយកម្ម សូមជម្រាបជូនដល់ក្រសួង ស្ថាប័នពាក់ព័ន្ធ អាជ្ញាធរដែនដី និងសាធារណជន បានជ្រាបជាព័ត៌មាន ។ My.

ថ្ងៃចេញសេចក្តី ៖ ខែ កញ្ញា ឆ្នាំ ២០២០ នៅទីស្នាក់ការកណ្តាល រាជធានីភ្នំពេញ ថ្ងៃទី ១៤ ខែ កញ្ញា ឆ្នាំ ២០២០



លេខ គនហោ

## SPCR Builds Capacity to Farmers for Agricultural Productivity Improvement

Before trainings start, the team raised awareness on Covid 19 epidemic and hygiene to farmers with hand washing, temperature check and wearing mask.

There were total about 750 farmers participated trainings organized separately on land preparation, soil fertility management, fertilizer usage, water and pest management in rice production in 25 villages within three communes of Stong and Tangkor districts in Kampong Thom province.

There were 25 courses delivered to target farmers from March to April, 2020 by the Provincial Department of Agriculture, Forestry and Fisheries implementing Climate Resilient Rice Commercialization Sector Development Program (Rice-SDP) funded by Climate Investment Funds through ADB.



## Farmer Water User Group is one of the Adaptation Measures for Climate Change

Due to the effects of climate change, the Greater Mekong Sub-region Biodiversity Conservation Corridors Project (BCCP) has integrate the construction of rainwater harvesting system, irrigation, and formed 12 farmer water users group for effective water management particularly during dry season including building and rehabilitate small-scale irrigation systems for increased agricultural production and household nutrition and income generation.

BCCP has been implementing since 2016 by the Ministry of Environment and the Ministry of Agriculture, Forestry and Fisheries funded by the Climate Investment Funds through Asian Development Bank.

250 farmers who have rice fields along the recent rehabilitated canal were registered and 16 irrigation schemes were identified and mapped as well as internal regulation for election.



### Local breeding chickens for small farmers:

- 761 farmers (509 women) increased their knowledge and skills in raising poultry, such as breeding, selection, protection measures, production and feeding practices.
- 13 local poultry breeding were established with nine female farmers.
- 138 farmers, 76 women know how to produce healthy chicks
- 5 local hen chicks have been set up with 3 female farmers, each solar powered.
- Farmers raise their hens by at least 60 and produce eggs for incubation of 15 to 20 eggs per day. There is a good market for broilers available for sale at 5000 riel / head.
- Farmers reduce their breeding period from six months to only three and a half months to produce a chicken weighing 1.2 kilograms. Farmers can sell high quality domestic chicken for 20,000 to 24,000 riels / kg.



### Drought-tolerant vegetable and fruit crops:

- 969 farmers (474 women) have improved knowledge and technical skill in vegetable and fruit growth
- 374 farmers (279 women) have been raised awareness on importance of nutrition for family members
- 56 focal persons were selected to promote nutritional practices within communities
- 46 vegetable demonstration plots with drip
- Vegetable seeds (chili, eggplant, water melons, long bean,...) which are resilient to climate change have been provided to farmers and there are 250 farmers (68 women) currently practicing the trained technical skills such as land preparation, crop care and harvesting).
- 3 nursery places were prepared to grow orange, coffee, sour soup, papaya to supply farmers within the communities.



## System of Rice Intensification:

- There are 898 farmers (622 women) learnt technical skill of system of rice intensification
- 16 farmers were selected to be focal persons in target villages to promote SRI for farmer field schools
- 30 farmers demonstrated rice seed selection and purification techniques and distributed good quality seeds to other farmers
- 78 farmers received 1,500kg of rice seed from the project
- Farmers increased their yield from 1.9 tons per hectare to 3 tons per hectare, 58% higher than traditional farmers' yields and could earn US \$ 275 per hectare.



### For more information:

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