



ස්වභාවික සම්පත් කළමනාකරණ මධ්‍යස්ථානය
කෘෂිකර්ම දෙපාර්තමේන්තුව
இயற்கை வளங்கள் முகாமைத்துவ நிலையம்
விவசாயத் திணைக்களம்



Natural Resources Management Centre
DEPARTMENT OF AGRICULTURE

මගේ අංකය
எனது இல.
My No.

NRMC/1/17

ඔබේ අංකය
உமது இல.
Your No.

දිනය
திகதி
Date

June 05, 2021

Director General of Agriculture,
Department of Agriculture,
Peradeniya.

Through: Director/NRMC

Agro-met Advisory Update - June and July 2021

As per the latest Seasonal Climate Forecasts (SCF) issued by the Department of Meteorology, Colombo, there is a high likelihood of receiving **Near normal** rains in the **Wet zone** of the island - Colombo, Kalutara, Gampaha, Kegalle, Nuwara-eliya (Western slopes), Kandy (Western slopes), Ratnapura (Western part), Galle and Matara districts during the next three weeks in the month of June and then, July due to prevailing South West Monsoonal rains

In other districts of the country (Dry zone & Intermediate zone), it is likely that **Near normal** rains are to be experienced during the months of June and July and hence, expected rainfall given in the Agro-ecological Region Map of Sri Lanka is likely to be experienced in those regions (Please see the Annexure). However, if the south west monsoon wind blow becomes strong at times during the month of June especially, rainfall in excess of the expected amounts are likely to be experienced in the immediately neighboring areas of the Intermediate zone to the Wet zone (Ex. IL1a agro-ecological region)

Meanwhile, it should be borne in mind that prevailing South West Monsoon rains are not effective in the Dry & Intermediate zones under the general rainfall climatology of the country. Hence, even **Near normal** rains that would experience during the months of June, July and then till late August in Dry & Intermediate zones, will not be adequate to meet the high evapotranspiration demand in upland crops cultivated in these two climatic zones, a natural agro-meteorological phenomenon that experiences in these two climatic zones during South West Monsoon period from June to late August. Hence, farmers, both lowlands & uplands are requested to strictly adhere to the recommendations that have been stipulated in the two Agro-met Advisories issued on early March and April for the 2021 Yala

season eventhough available water storages in both medium and major irrigation tanks of the country along with the entire Mahawely reservoir system remain at a fairly satisfactory level to meet the required irrigation water demand in the rest of the Yala season except in very few tanks.

However, possibility of receiving occasional, short-duration afternoon thunder-showers and gusty winds with a very high spatial and temporal variability in these two climatic zones cannot be ruled out during the months of June and July, especially when the South West Monsoonal wind flow across the Wet zone becomes weak or almost non-exsting. Hence, provision of reasonable drainage facilities for OFCs crops grown on imperfectly drained soils in midlle slopes of the catenal sequence is highly advisable to avoid potential crop damages due to temporaray water logging conditions thay may develop under such situations.



Dr. B.V.R. Punyawardena
Principal Scientist (Agro-climatology)

- Ic. Additional Secretary (Agric. Technology/DEvelopment) – Ministry of Agriculture – f. y . i. pl.
All Directors of the DoA – f. y . i. pl.
All Provincial Directors – f. y . i. pl.
Commissioner General – Department of Agrarian Development – f. y . i. pl.
Director General – Department of Irrigation – f. y . i. pl.
Head/ Water Management Secretariat (MASL) – f.y.i. pl.
Chairman – Paddy Marketing Board
Additional Director (Communication) – For n.a. pl

Expected Monthly Rainfall during the Months of June and July
(As per the Agro-ecological Map of Sri Lanka – 2003)

Agro-ecological region	June - mm	July - mm
DL1a	4.9	3.1
DL1b	6.4	3.4
DL1c	1.1	5.8
DL1d	0.1	5.0
DL1e	0.0	6.7
DL1f	0.4	0.3
DL2a	3.5	15.4
DL2b	30.2	9.2
DL3	0.7	1.9
DL4	0.0	0.4
DL5	28.6	3.5
IL1a	65.8	36.1
IL1b	52.4	32.3
IL1c	12.9	18.7
IL2	5.7	16.7
IL3	18.5	10.3
IM1a	19.4	27.3
IM1b	27.7	19.4
IM1c	5.6	5.7
IM2a	77.8	55.3
IM2b	16.2	23.0
IM3a	92.9	87.8
IM3b	39.0	27.1
IM3c	50.1	42.7
IU1	83.1	73.3
IU2	51.1	54.1
IU3a	16.5	26.0
IU3b	22.8	20.0
IU3c	11.7	30.0
IU3d	12.6	31.6
IU3e	17.3	22.0
WL1a	280.5	187.7
WL1b	227.2	124.3
WL2a	181.7	120.3
WL2b	164.3	121.9
WL3	121.2	71.6
WM1a	293.3	312.5
WM1b	252.8	227.4
WM2a	158.7	226.4
WM2b	143.4	160.0
WM3a	107.0	121.3
WM3b	85.6	79.4
WU1a	344.8	287.1
WU2a	274.3	247.6

WU2b	217.6	178.8
WU3	137.9	127.9