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Virudhunagar District level AAB No.053/2023-24 Day & Date: Tuesday & 04.07.2023

Observed weather during last week (Dated 27 th June to 03 rd July 2023)							Weather Parameters	Weather forecast (Valid from 05 th July to 8:30 hrs of 09 th July 2023)				
27/06	28/06	29/06	30/06	01/07	02/07	03/07	Date	Day 1 28/06	Day 2 29/06	Day 3 30/06	Day 4 01/06	Day 5 02/06
0.0	0.0	0.0	0.0	0.0	3.7	0.0	Rainfall (mm)	6	18	0	0	0
39	39	40	39	39	40	39	Max. Temp. (°C)	35	34	33	33	32
27	24	27	27	24	27	25	Min. Temp. (°C)	24	23	23	22	22
Partly clear	Generally cloudy	Generally cloudy	Partly clear	Generally cloudy	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
52	52	55	52	52	55	69	Relative humidity - Mor. (%)	70	70	70	70	70
43	34	45	43	34	45	63	Relative humidity - Eve. (%)	50	50	50	50	50
13	9	18	13	9	18	11	Wind speed (kmph)	16	14	12	18	14
WNW	W	WNW	WNW	W	WNW	W	Wind direction (dd)	WSW	WSW	WSW	WSW	W
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated								
3.7				239.4								

- ❑ As per forecast received, maximum temperature decrease for next five days will be 5°C previous week.
- ❑ Light to moderate rainfall is predicted for next two days.
- ❑ Sky condition will be mainly cloudy sky
- ❑ Wind speed is expected to be 12-18 km per hour and the wind direction will be from West-Southwest and West direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Chance for rainfall in coming week. Farmers are requested to postpone the irrigation.
Rainfall	Ploughing	Farmers are requested to practice ploughing for Soil moisture conservation
Sorghum & cumbu (irrigated condition) Pulse Cotton	Harvest	Farmers are requested to harvest immediately and stored in the air tight room to avoid fungal affect.
Groundnut and Red gram	Rainfall	As light to moderate rainfall is predicted for next two days, farmers are requested to go provide the drainage facilities to avoid stagnation of water to overcome the lodging effect.
Sugarcane	Vegetative to tillering stage	<input type="checkbox"/> To avoid lodging of cane, propping and Earthing-up operation may be practiced. <input type="checkbox"/> Mulch the ridges uniformly with cane trash to a thickness of 10 cm to conserve the rain water.
Sesame	Vegetative stage	farmers are requested to go provide the drainage facilities to avoid stagnation of water to overcome the lodging effect.

Coconut	All stages	Sow green manure crops around basin to increase the nutrient and also to utilize for soil moisture conservation
Livestock	Sheep	Bluetongue Livestock Disease – very low risk Foot and mouth disease -Medium risk -Regular vaccination and seromonitoring. Disinfection with sodium carbonate (4%) or 10% washing soda and strict biosecurity measures to be followed and animal movement May be controlled. Haemorrhagic septicaemia and Peste des petits ruminants - very low risk

SMS: Rain:05&06.07-6&18 mm. Postpone the irrigation for next two days. Sugarcane- earthing up and propping. Groundnut (irrigated)- provide the drainage facilities.

Tamil Nadu		
<p>Yesterday's cyclonic circulation over southwest Bay of Bengal & neighbourhood now lies over Westcentral Bay of Bengal adjoining north Andhra Pradesh coast and extends between 1.5 & 7.6 km above mean sea level tilting southwestwards with height. Yesterday's off-shore trough at mean sea level now runs from south Gujarat coast to Kerala coast. An east-west shear zone runs roughly along 15°N between 4.5 & 7.6 km above mean sea level. Light to moderate westerlies prevail over the subdivision in the lower tropospheric levels.</p>		
Next five days	Weather warning	<ul style="list-style-type: none"> <input type="checkbox"/> Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area on Day 1 (05.07.2023). <input type="checkbox"/> Heavy to very heavy rain is likely to occur at one or two places over Nilgiris and Ghat areas of Coimbatore districts of Tamilnadu on Day 1 (05.07.2023). <input type="checkbox"/> Heavy rain is likely to occur at one or two places over Tiruppur, Dindigul, Theni, Kanyakumari, Tirunelveli, Tenkasi, Erode, Salem, Dharmapuri & Krishnagiri districts of Tamilnadu on Day 1 (05.07.2023). <input type="checkbox"/> Light to moderate rain at a few places with thunderstorm & lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area on Day 2 (06.07.2023). <input type="checkbox"/> Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Ghat areas of Coimbatore & Tenkasi districts of Tamilnadu on Day 2 (06.07.2023). <input type="checkbox"/> Heavy rain is likely to occur at one or two places over Tiruppur, Dindigul, Theni, Madurai, Virudhunagar, Kanyakumari & Tirunelveli districts of Tamilnadu on Day 2 (06.07.2023). <input type="checkbox"/> Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 3 (07.07.23) <input type="checkbox"/> Heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Dindigul & Theni districts of Tamilnadu on Day 3 (07.07.23) <input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu on Day 4 (08.07.23) & Day 5 (09.07.23)

**Professor and Head
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