

DROUGHT MANAGEMENT PLAN

LEVEL 1 -NORMAL	LEVEL 2 - STAGE 1 WATER WATCH "ALERT"	LEVEL 3 - STAGE 2 WATER WARNING "SAVE WATER"	LEVEL 4 - STAGE 3 WATER EMERGENCY "JUST ENOUGH"	LEVEL 5 - STAGE 4 SERVRE WATER EMERGENCY "CRITICAL"
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LEVEL 3 - STAGE 2 WATER WARNING "SAVE WATER"

GOAL	<p><u>Reduce:</u></p> <ul style="list-style-type: none"> - water use/peak demands by 20% - overall weekly consumption by 10%
TRIGGERS	<p><u>Triggers: (Any of)</u></p> <ol style="list-style-type: none"> 1. Continuous below average rainfall extending from previous month 2. Stream flow below 50% capacity 3. Reticulation Pressure readings below 50% capacity 4. Residential/Community water storage below 50% of capacity 5. Tourist storage below 50% of capacity 6. Low rainfall forecast for the next month
AWARENESS ACTIONS	<p><u>Ongoing Public Awareness:</u></p> <ol style="list-style-type: none"> 1. Media release 2. Advise Current Water Situation 3. Encourage water conservation 4. Encourage people to get rainwater tanks 5. Water Carting services available 6. Discourage high water usage activities 7. Advise Public Storage management timetable 8. Advise water restrictions
MANAGEMENT ACTIONS (by Water Division)	<p><u>Water Crisis Task Force committee formed</u></p> <p><u>Regular Monitoring</u></p> <ol style="list-style-type: none"> 1. Daily reticulation pressure readings 2. Bulk meter readings every second day 3. Water Quality monitoring every second week 4. Measure Water Storage Levels weekly 5. Continue mapping water shortage areas 6. Collate all data and present to committee <p><u>Operation & Maintenance</u></p> <ol style="list-style-type: none"> 1. All water infrastructure are maintained and operating 2. Urgent repairs to leaking pipes 3. Control boundary valves to distribute water supply evenly 4. Island wide inspection of stand pipes.

	<p><u>Maintain 75% water storage level for Hospital ; Schools; Public UV Filtration Stations, maintaining water level via water carting</u></p> <p><u>Support vulnerable groups via water carting</u></p> <p><u>Supplementary Supply Source</u></p> <ol style="list-style-type: none"> 1. Request authorization to proceed with preparation of supplementary water supply 2. Site Preparation; groundwater galleries, boreholes and desalination site 3. Source/Procure necessary machinery, equipment and vehicles <p><u>Maintain communication with Key Stakeholders</u></p> <p><u>Maintain Public Awareness (Awareness Actions)</u></p> <ol style="list-style-type: none"> 1. Public asked to reduce daily water use by 50% 2. Public encouraged to apply water restrictions 3. Encourage alternative water source use, also adhering to water conservation measures 4. Wastage of water prohibited 5. Prohibit carting water from depleting surface/groundwater source
<p>REGULATION ACTIONS</p> <p>(the public also asked to pay attention to Restrictions)</p>	<ol style="list-style-type: none"> 1. Public asked to reduce daily water use by 50% 2. Public encouraged to apply water restrictions 3. Encourage alternative water source use, also adhering to water conservation measures 4. Wastage of water prohibited <p><u>Restrictions:</u></p> <ul style="list-style-type: none"> • Watering gardens, lawns, playing surface only on alternate days between 6am - 10am and 6pm - 10pm • Water cannot be used for aesthetic purpose; fill or top up fountain and/or ponds • Filling of new or existing pools or spas with a capacity of 2,000 Ltrs or less prohibited, except by means of hand held hose. • Filling of new or existing pool or spa with a capacity greater than 2,000 Ltrs prohibited • Water cannot be used to clean a vehicle except in the case of a vehicle for mass transportation • Water cannot be used on hard surface such as buildings (including windows), except for cleaning required as a result of an accident, fire, health hazard, safety hazard or other emergency • Water cannot be used to suppress dust unless the dust is causing or is likely to cause health or environmental hazard • Watering agricultural plantation only between 6am - 10am and 6pm - 10pm • Water for livestock must be provided for in a trough, not run continuously

PUBLIC PARTICIPATION	<p><u>Practice water conservation in normal routines:</u></p> <ul style="list-style-type: none">• Restrictions as above in Regulatory Actions• Take short showers• Flush only number 2's• Wash vegetables in a bowl of water rather than under a running tap• Repair leaky plumbing at homes, plantations and sections• Reuse washing machine final rinse water for the next wash or watering gardens• Wash laundry only when there is a full load to do
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