



NEWS

MAY 2019

NWC DROUGHT AFFECTED SYSTEMS

As at the end of April 2019, there are about **90** of the NWC's 450 water supply systems across the island that are now being affected by varying degrees of drought conditions.

Most affected water supply systems are in the Eastern Division. The worst affected systems are mainly surface-water-fed systems mainly in **Portland (8 systems)**, **St. Mary (8 systems)**, **St. Ann (10 systems)**, **St. Thomas (4 systems)**, **Clarendon (11 systems)**, **Kingston and St. Andrew (31 systems)**. The worst affected systems are in St. Ann where 3 systems (**Higgin Town, Dawson and Content**) have dried up entirely and 4 other systems (**Seville #1, New Ground, Avisfield and Blackstonedge**) each declining to as little as 9% - 10% of normal production; and in Rural St. Andrew where the Violet Bank system has also dried up.

In the Corporate Area, the declining inflows have resulted in both the 393MG-capacity Hermitage Dam and the 809MG-capacity Mona Reservoir falling to **31%** of their respective capacities. Night-time restrictions have consequently been imposed on the Mona and Hope water supply systems. While being system-specific, a range of normal drought mitigation measures are being implemented to include:

- Regulating of supplies
- Trucking of water
- Accessing additional sources of water
- Maximising existing sources of supply
- Reducing losses from systems and improving the distribution network
- Improving the capacity to share water from least-affected systems with worst-affected systems
- Expediting water supply improvement projects that could possibly assist in drought mitigation
- Public education and conservation education

Normal operations continue on the majority of NWC systems despite the drought, either because of the resilient nature of those particular systems, the rainfall in those watersheds or mitigation measures already implemented by the Commission. The listing below provides further details.

FACILITIES AFFECTED BY DROUGHT CONDITIONS

FACILITIES	AREAS SERVED	DATE OUT	OPERATING LEVEL
ST. ANN			
Seville #1	Seville, Top Seville, Priory, Farmers Heights, sections of Hartland, New Seville Housing Scheme, Farmer Scheme, Red Ground and Hospital	July 20, 2018	9%
New Ground	Lime Hall, New Ground, Clamstead, Laycock and Gravel Hill	April 2, 2019	9%
Higgin Town	Higgin Town and Johnny Spring	April 23, 2019	0%
Dawson Town	Dawson Town	April 23, 2019	0%
Content	Content	April 23, 2019	0%
Avisfield	Avisfield	April 23, 2019	10%
Mt. Zion	Mt. Zion and Mines	April 23, 2019	20%
Blackstonedged	Blackstonedged, Castle Kelly and White Hall	April 23, 2019	10%
Liberty	Liberty, Hartland and sections of Priory	April 23, 2019	50%
Sturge Town	Sturge Town	April 23, 2019	45%
ST. MARY			
Sand Hill	Port Maria, Mort Maria H/S, Sand side, Albion Mountain, Grey Street, Church Street, Bailey's Vale, Trinity, Cambridge, Free Hill, Oxford, parts of Cox Street	July 9, 2018	75%
Hunts Town	Hunts Town	July 9, 2019	70%
Martha Hall	Martha Hall and Marlborough	Feb. 21, 2019	70%
Palmetto Grove	Tremolsworth, Frazerwood, Kilancholy, Hopewell, Saltrum, Bartley Town	Feb. 18, 2019	50%
Salisbury	Wood Park and King Spring	Jan. 30, 2019	50%
Lucky Hill	Lucky Hill, Saltrum, Jeffery Town, Arcadia H/S, Coffee Walk, Barclay Town	March 25, 2019	50%
Castleton	Castleton and Golden Valley	April 5, 2019	40%
Fellowship Hall	Fellowship Hall	April 15, 2019	
PORTLAND			
Turtle Crawl	Williams Field, San San, Friendship, Castle, Fair Prospect and Fair Prospect Garden	April 10, 2019	
Kensington	Kensington	Feb. 26, 2019	40%
Packi River	Manchioneal, Hectors River, Dillon, Barracks	April 26, 2019	70%
Windsor Forrest	Windsor Forrest, Hartford, Benjamin, Hill, Commodore	April 26, 2019	60%
Long Bay	Rose Garden, Rural Hill, Long Bay	April 26, 2019	60%

Windsor Castle	Windsor Castle, Hart Hill	April 26, 2019	60%
Craig Mill	Craig Mill	April 26, 2019	50%
Norwich	Snow Hill and Passley Garden	April 26, 2019	70%
ST. CATHERINE			
Berkshire Hall	Cheesefield, Dover, New Works, Richard Pen, Enfield, Redwood, Parts of Bump		10%
Guys Hill	Race Course, Jeffry Town, Decoy, Ragsville, Moreland, Redwood, Middlesex, Guys Hill, Windsor Castle, Barnett/Benbow, Bonnett		40%
Goldmine	Bodose Hill, Bellas Gate, Cocoa Ridge, Sand Hole, Content, Rhule Town, Sandy Ground, Bellfield, Marlie Hill, Joe Ground, Bamboo Ridge, Bartons, Wood Hall, Brown's Hall, Gravel Hill, Blue Hole, Macca tree		40%
Golden River	Waugh Hill and Golden River		20%
Berry Hill	Berry Hill, Lucky Hill & August Town		40%
KSA			
Hermitage/ Constant Spring	Norbrook, Cherry Gardens, Havendale, Half-Way-Tree, Lady Musgrave, Liguanea, Manor Park, Shortwood, Graham Heights, Aylsham, Allerdyce, Arcadia, White Hall Gardens, Belgrade, Kingswood, Riva Ridge, Eastwood Park Gardens, Hughenden, Stillwell Road, Barbican Road, Russell Heights Constant Spring Road & Gardens, Camperdown, Mannings Hill Road, Red Hills Road, Arlene Gardens, Roehampton, Smokey Vale, Lower Jacks Hill Road, Chancery Hall Heights, Jacks Hill, Tavistock, Trench Town, Essex Hall, Cavaliers, Areas between Pinto Tank and Clarke Hill, Calabar Mews, Zaidie Gardens, State Gardens		(31%)
Mona	Mona, Cross Roads, Mountain View, Old Hope Road, Devon Square, Waterloo Road, Cassia Park, Eastwood Park, Red Hills Road, Half-Way-Tree Road, Upper Maxfield Avenue, Ziadie Gardens, Dunrobin Avenue, New Kingston, Liguanea, Mona Road, Ravina, Hagley Park Road, Harbour View,		(31%)
Hope	August Town, Hope Flats, Papine, Gordon Town, Mona Heights, Hope Road, Beverly Hills, Hope Pastures, Gordon Town and environs, Papine, Kintyre, Hope Flats		
WEST RURAL ST. ANDREW			
Barnettwood	Padmore, Cooper's Hill, Swain Spring, Castle James and sections of Sterling Castle		60%
Belboa	Red Ground, Belboa, Cavaliers		60%
Belmore	Mount Charles And Belboa		60%

Chuchu Bottom	Allman Hill, Rock Hall		50%
Bucky Plain	Unity, Fern Hill, Pigeon Valley, Grant Hill, Goulbourne		30%
Isaac Hole	Claypole Road, Lawrence Tavern, Burnt Shop, Unity, Top and Bottom Track		30%
Kingweston	Section of Bucky Plain, Belmont, Grant Hill, Florence Hill, Lawrence Tavern, Mount Ogle, Matthew Road, Toms River, Cokely, Johnny Ridge.		65%
Mahoney	Mahoney, Rose Hall, Lawrence Tavern, Cassava River, Moount Olive, Assett Hill		60%
Second Breakfast	Mount Friendship, Lime Edge, Belmore Road, Brandon Hill, Mount Pleasant, Mountain Spring, Lawrence Tavern, King Weston, Florence Hill, Mount Ogle, Belmont, Toms River, Mount Zion, Blakes Bridge, Mount Prospect, Mount Horeb		65%
McGowan	Paradise Road, Settlement Road, Salisbury Plain		30%
EAST RURAL ST. ANDREW			
Craig Hill	Dublin Castle, Craig Hill		60%
Drummond	Bull Bay, Windsor Lodge, Greenvale Road, Nine & Ten Miles, Taylor Lands, Tamarind Tree Old Road, Tana Hill, Clement Road		60%
Flamstead	Top Hill, Flamstead, Little Content, Galloway Lodge, Dublin Castle, University Tank, Lower Guava Ridge		25%
Friendship Brook	Sections of Butcher's Pass, Cane		60%
Griffin	Red Light, Irish Town, Industry, Village, Cottage Hill, Wiltshire, Cornfield, Hart Hill, Gayle Mountain, Bermuda Mountain, Jackfruit Tree, Rodney Pen, Cameron Hill, Enfield, Ellislie Way		20%
Halls Delight	Hall's Delight, Bryan Ridge, Robertsfield		75%
Harbour River	Sections of Bloxburgh		25%
Hibbert Spring	New Ramble, Westphalia Road		60%
John Spring	Somerset, John Spring, Somerset Tank		25%
Middleton	Middleton		20%
Orchard Spring	Lower Mount Charles, Green Valley Housing Scheme		50%
Pulpa Spring	Sections of David's Hill		20%
Rose Hill	Free Town, Peter's rock, Cottage Road, Top Maryland, Woodford and Jack Allen		20%
Solas Spring	Solas, Lower David's Hill		60%
Stafford Hall	Dallas, Stafford Hall and section of Stable Park, Butcher's Pass		50%
Sugar Loaf	Sugar Loaf, Penfield, Mount Industry		20%
Suzie Spring	Belcour, Maryland, Mine Peace		25%
Violet Bank	Violet Bank		0%
ST. THOMAS			
Needham Pen	Ward River, Needham Pen and Environs		70%
Arntully Grove	Grove, Ness Castle, Wilson Gap and Bethel		60%
Airy Castle	Airy Castle, Grossett, Spring Top, Nickle Hill		70%
Wilmington	Mount Stewart, Curry Hill, Wilmington, Brookslan		50%

CLARENDON			
Low Ground	Wood Hall, Ennis, Suttons, Teak Pen, Turners, Four Paths Post Road, Chapelton, New Longsville, New Roads, Sangsters Heights, New Danks, Shingle Hut, Mt. Providence, Sine, Married Lane, Alexandria		20%
Rock River	Rock River, Tanarchy, Gordon Wood, Tommy King, Morris Hall, Moores, Sheepen Hill, Low Ground Wood, Mt. Zion Road, Lime Hall.		30%
Crooked River	Crooked River, Pennants, Mears, Bryans Hill, John Austin, Baptist, Ballards River, Orange Hill.		30%
Campbell Hill	Trout Hall, Trout Hall H/S, Green River, Mais.		20%
Frankfield	Frankfield, Water Works, Lampard, Cammesary, Lime Kilm, Andrew Hill.		70%
Fairburn	Fairburn, James Hill, Bog Hole, Corner Shop, Salem, Desire		42%
Patterson Spring	Sanguenetti, Peckham, Tweedside, Fearon, Wisbeach		40%
Drummond Spring	Drummond Spring, Beckford Kraal, Iron Gate, Trumpet Tree		30%
Peace River	Peace River, Gloucester, Victoria Lodge, Thompson Town, Cove, Wesleyan Gully, Blackwood, Elgin		35%
Aenon Town	Aenon Town, Pen Ring.		80%
New Ground	New Ground, Peterkin, Suttons, Summerfield, Rose Hill, Chapelton, Sangsters Heights		20%

DROUGHT AFFECTED AREAS

PARISH	SYSTEM	%
St. James	Endeavour Pumping Station	45
	Mafoota Pumping Station	50
	Mt. Pelier	75
Trelawny	Wilson Run Pumping Station	50
	Ulster Spring Pumping Station	50
	Queen of Spain Deep well	30
Hanover	New Milns Pumping Station	50
Manchester	Moravia Treatment Plant	30
	YS Spring	90