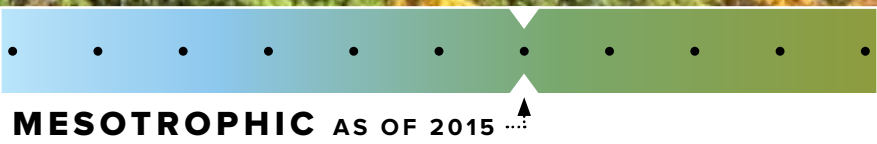
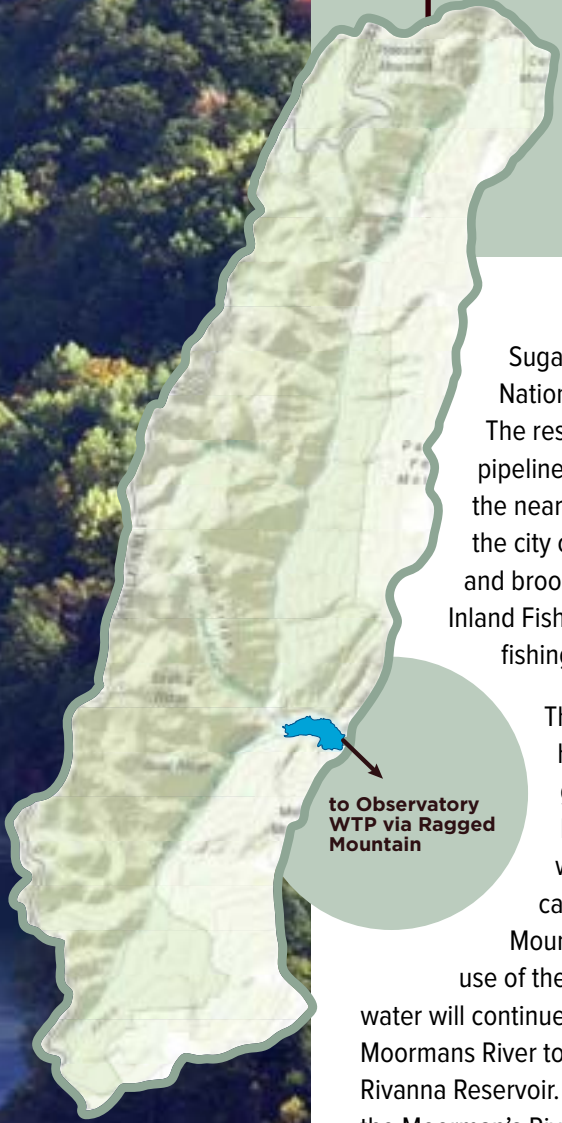
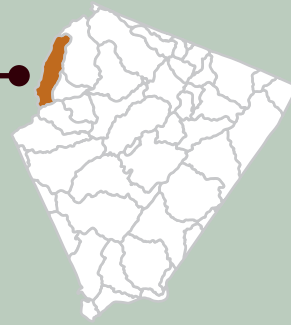




SUGAR HOLLOW RESERVOIR

YEAR BUILT 1947	USEABLE VOLUME 324 MILLION GALLONS	SURFACE AREA 47 ACRES
	MAX. DEPTH 58 FEET	WATERSHED AREA 18 SQUARE MILES
	ORIGINAL PURPOSE Water Supply	AREA SERVED Urban Water System





to Observatory WTP via Ragged Mountain

Sugar Hollow Reservoir lies just outside of Shenandoah National Park and much of the watershed lies within the park. The reservoir was built in 1947 and is connected by a 13-mile pipeline to Ragged Mountain Reservoir. Water is then treated at the nearby Observatory Water Treatment Plant and delivered to the city of Charlottesville. Sugar Hollow is stocked with rainbow and brook trout as part of the Virginia Department of Game and Inland Fisheries’ “put-and-take” trout program. There is bank fishing only and no boats are allowed.

The watershed is secluded and minimally impacted by human activity. As a result, the reservoir typically has good water quality. A major storm in 1995 resulted in landslides in the immediate vicinity of the reservoir, washing soils into the reservoir and reducing storage capacity. Once the South Fork Rivanna to Ragged Mountain waterline is constructed, RWSA will discontinue use of the Sugar Hollow pipeline to fill Ragged Mountain and water will continue to be released from Sugar Hollow directly down the Moormans River to later be diverted to Ragged Mountain from South Fork Rivanna Reservoir. Water is released from Sugar Hollow ensuring flow into the Moorman’s River, even during drier months. This maintains a healthy aquatic ecosystem.

LAND USE IN THE SUGAR HOLLOW RESERVOIR WATERSHED

