

WSR-88D TROPICAL CYCLONE OPERATIONS PLAN “QUICK CHECK” LIST

NOTE: Record all adaptable parameters prior to making changes so they can be returned to their original values after the event.

STORM: _____ **DATE:** _____

Parameter	Current Setting	Recommendation	2025 Build 23.x TCOP Reference
*RDA Control		RPG/Remote	Page 6
*MSF		Manual	Page 7
*VCP		112, 212, or 215	Pages 7-8
*Add MPDA		Enabled for SAILSx2 or SAILSx3 when RF mitigation is a priority	Page 8
*SAILS		Enable with VCPs 112, 212, and 215	Page 9
*VMI		Adjust based on expected tropical cyclone category	Page 10
*QPE R(Z, Zdr)		STRAT/TROP	Page 11
*PPS R(Z) Relationship		TROPICAL	Page 12
Clutter Suppression		Enable CMD	Page 7
Velocity Dealiasing		Enable 2DVDA	Pages 7-8
Range Folding		Optimize to see unobscured velocities near storm center Consider using Storm-Based Auto PRF	Page 9
AVSET		Enable	Page 9
Precipitation Accumulation		Reinitialize all accumulations	Page 10
PAIF Rate Threshold & RAINZ		Use default values	Page 10
PAIF Area Threshold & RAINA		Use default or optimized values	Page 10
Precipitation Product Data Levels		As appropriate for expected rainfall amounts	Page 11
Supplemental Scans in QPE		Enable	Page 11
Max Precip Rate		150 to 200 mm/hr	Page 12
MLDA Heights		Use Model_Enhanced if RAP model is available; otherwise use Radar_Based	Page 13
MDA		Set Minimum Display Filter Rank to 4 or 3	Page 14
TDA		Check parameters listed in TCOP	Page 14

*In the event of an evacuation, ensure these items have been updated.

POST EVENT: Return all adaptable parameters to original values. If you have questions concerning this list or any other radar-related issue, contact the WSR-88D Field Support Hotline. Typically, the Hotline is staffed by a meteorologist from 7:00 a.m. to 7:00 p.m. CDT; however, during significant tropical cyclone events (i.e., hurricanes), it will be staffed around the clock prior to landfall and until the storm is downgraded.