

RAC Procedures FY18

Kxxx 4 Pnl All-Tilts

All Tilts Z/V (Image Combine) [1024 Z, 1024 Velocity] RAP/LAPS Std Env Data Package Temperature [Green] Density:0	All tilts SW/SRM (Image Combine) [Default, 1024 Velocity]
All Tilts Zdr/KDP (Image Combine) [Default]	All Tilts HCA/CC (Image Combine) [Default] Near Storm Env Assessment Tool: 0-6km Bulk Shear Mag 0-1km AGL Helicity 0-1km Computed CAPE

Map Settings:

Local CWA Boundaries [White] Line Thickness: 2
Interstates and US Highways [Orange Red]
Cities [White] Density:0.5, Magnification: 1.25
County Names [Dark Khaki] Magnification: 1.5
State/County Boundaries [Default]

Kxxx 6 Pnl All-tilts/MRMS

All Tilts Z/V (Image Combine) [1024 Z, 1024 Velocity] RAP/LAPS Std Env Data Package Temperature [Green] Density:0	All tilts SW/SRM (Image Combine) [Default, 1024 Velocity]
All Tilts Zdr/KDP (Image Combine) [Default]	All Tilts HCA/CC (Image Combine) [Default]
NSEA Tool: 0-6km Bulk Shear Mag 0-1km AGL Helicity 0-1km Computed CAPE ENTL 1 Minute Update Ltg 3km Grid under 5 Minute 1 Minute Update Lightning Plot ENTLN	MRMS 60 min MESH Tracks/Low-Level Rotation Tracks (Image Combine)

Map Settings:

Local CWA Boundaries [White] Line Thickness: 2
Interstates and US Highways [Orange Red]
Cities [White] Density:0.5, Magnification: 1.25
County Names [Dark Khaki] Magnification: 1.5
State/County Boundaries [Default]

Kxxx 9 Pnl All-tilts/No Flip

All tilts Reflectivity [1024 Z] Std Env Data Package Temperature [Green] Density:0	All-Tilts Velocity [1024 Velocity]	All-Tilts SRM [1024 Velocity]
All-tilts ZDR [Default]	All-Tilts CC [default]	All-Tilts Spectrum Width [Default]
All Tilts HCA [Default]	All tilts KDP [Default]	MRMS 60 min MESH Tracks/Low Level Rotation Tracks (Image Combine) NSEA: 0-6km Bulk Shear Mag 0-1km Helicity 0-1km Computed CAPE

Kxxx 9 Pnl All-tilts/MRMS

All Tilts Z/V (Image Combine) [1024 Z, 1024 Velocity]	All-Tilts SRM/SW (Image Combine) [1024 Velocity, Default]	MRMS MESH Tracks [MRMS Transparent Hail] under MRMS MESH
All-Tilts ZDR/KDP (Image Combine)	All tilts CC/HCA (Image Combine)	MRMS Low Level Rotation/Mid Level Rotation (Image Combine)
MRMS Vertically Integrated Ice	ENTLN 5 minute Total Lightning 3km Grid ENTLN 1 minute update 5 minute flash plot	MRMS RALA/MRMS Reflectivity at -20C (Image Combine)

Map Settings:

Cities [White] Density 0.5, Magnification 1.0

Interstates and US Highways [Orange Red]

Local CWA Boundaries [White]

State/County Boundaries [Default]

Kxxx 9 Pnl All/Ltg/Sat

All-Tilts Z/V [1024 Z, 1024 Velocity] Std Env Data Package Temperature [Green] Density:0	All-tilts SRM/SW [1024 Velocity, Default]	GOES-16 Ch2
All-Tilts Zdr/KDP	All-Tilts CC/HCA	GOES-16 Ch 14
MRMS MESH 60 min tracks/Low Level Rotation	ENTLN Total Lightning 3km 5 Min Grid ENTLN 1 minute update flash plot	GOES-16 Ch 9

Map Settings:

Cities [White] Density 0.5, Magnification 1.0
Interstates and US Highways [Orange Red]
Local CWA Boundaries [White]
State/County Boundaries [Default]

WarnGen Z/V

0.5 Z/V (Image Combine) [1024 Z, 1024 Velocity]
Bunkers RM [orange red]
0-6km Bulk shear [yellow]
Bunkers LM [yellow]
Local and Regional Warnings [default] (line width 2 pixels)
Local and Regional Flood Warnings [default] (line width 2 pixels)

Map Settings:

County Warning Areas [dodger blue]
Cities [white] density:1, magnification, 1.25
County Names [peach] density:max, magnification 1.25
Local CWA Boundaries [white] pixel width: 2
State County Boundaries [default]

WarnGen Z/SRM

same as WarnGen Z/V except SRM replaces V

SRAD

MRMS RALA	MRMS MESH Meteor Trails
MRMS VII	MRMS 60 min low level rotation tracks

Map Settings:

County Warning Areas [yellow]
County Names [Dark khaki] magnification 1.5
Interstates and US Highways [orange red]
Local CWA Boundary [white] line width: 2

GOES-16 Vis/NSEA/Obs

GOES-16 Ch 2

MRMS 50 dbz above 0C (turned off)

NSEA:

Corfidi Vectors Forward

Bunkers RM Supercell

0-1km Computed CAPE
 0-1km Computed CIN
 0-1km AGL Helicity
 0-6km AGL Bulk Shear
 METAR [White]

Map Settings:
 Interstates and US Highways [Orange Red]
 Cities [Default]
 State/County Boundaries [Default]

Meso-CAPE/SRH CIN Obs RALA

LAPS 0-1km AGL Helicity/0-1km Computed CAPE (Image Combine) [Default]
 under
 MRMS RALA
 LAPS 0-1km computed CIN [dashed line, yellow]
 NSEA LAPS 0-6km Bulk Shear Mag
 METAR [white]

G-16 Baseline 4 panel

GOES-16 Ch 9/Ch10 (Image Combine) Ch 10/Ch13	GOES-16 Ch 10/7 (Image Combine) Ch1/Ch2 NSEA: 700-500mb lapse rate 0-3km AGL Lapse rate 0-1km AGL Computed CAPE 0-1km AGL Helicity Layer Precipitable Water
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XXX Tornado Threat

0-1km Computed CAPE Img Sfc Wind 0-6km Bulk shear Vector	0-1km AGL Helicity Img 0-1km Shear Vector
0-1km ML LCL Img Sfc Dewpoint Depression	0-1km AGL Lapse Rate Img 0-3km Computed CAPE

XXX Hail Threat

500-700 mb lapse rate Img	0-10 km MUCAPE Img
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	0-6 km Bulk Shear Vectors
-10c to -30c Thickness	Sfc Precp Img Sfc Wind

XXX Wind Threat

300 mb height 0-1km Computed CAPE	Sfc DCAPE Img 0-6km Wind 0-1km Shear Vector
0-1km ML LCL Height Img/0-1km AGL Lapse Rate (Image Combine) 0-6km Bulk Shear Vectors	0-3km Lapse Rate Img Sfc-700 mb Theta e Difference