

NOUS41 KWBC 251440
PNSWSH

Service Change Notice 24-11
National Weather Service Headquarters Silver Spring MD
940 AM EST Thu Jan 25 2024

To: Subscribers
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 -Emergency Managers Weather Information Network
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From: Terrance J. Clark
 Director, WSR-88D Radar Operations Center

Subject: Hammond, LA WSR-88D (KHDC) to Begin NEXRAD Level III
 Product Dissemination on or around March 31, 2024

As notified via [PNS23-58](#), the Slidell, Louisiana WSR-88D was decommissioned on November 27, 2023 and is being relocated to Hammond, Louisiana and renamed as KHDC. Table 1 contains metadata for the KHDC radar. Table 2 contains the Level-III product suite disseminated via RPCCDS (<https://www.weather.gov/tg/rpccds>) and NOAAPORT when the radar begins operations as KHDC on or about March 31, 2024. Please note that the KHDC radar will include a supplemental low elevation of 0.3 degrees per [SCN24-09](#).

Table 1: METADATA ASSOCIATED WITH THE KHDC WSR-88D.

DESCRIPTION	METADATA
ICAO	KHDC (Hammond, LA)
WFO sending site	LIX
Source ID or RPG ID	874
Latitude	30.519 (+30° 31' 9.5")
Longitude	-90.407 (-90° 24' 26.5")
Radar Elevation (MSL)	43 feet
Tower Height	30 meter
Feedhorn height (MSL)	157 feet

Within the TTAAII header group (below), the value for i (regional identifier) will be 4. For example, the header for the GSM will be NXUS64 KLIX 311500 GSMHDC.

TABLE 2: RADAR PRODUCT WMO HEADINGS AND RPCCDS FTP DIRECTORY NAMES

WMO HEADING	PRODUCT DESCRIPTION AND ELEVATION	RPCCDS FTP DIRECTORY
TTAAII NNN		
NXUS6i GSM 2/GSM	General Status Message	DS.p2gsm
NOUS6i FTM 75/FTM	Free Text Message	DS.75ftm
SDUS6i RSL 152/ASP	Archive III Status Product	DS.152rs

SDUS5i	NZB	153/SDR Base Reflectivity	.13nm X .5deg	0.3DEG	n/a
SDUS5i	N0B	153/SDR Base Reflectivity	.13nm X .5deg	0.5DEG	n/a
SDUS5i	NAB	153/SDR Base Reflectivity	.13nm X .5deg	0.9DEG	n/a
SDUS2i	N1B	153/SDR Base Reflectivity	.13nm X .5deg	1.3-1.5DEG	n/a
SDUS2i	NBB	153/SDR Base Reflectivity	.13nm X 1deg	1.8DEG	n/a
SDUS2i	N2B	153/SDR Base Reflectivity	.13nm X 1deg	2.4-2.5DEG	n/a
SDUS2i	N3B	153/SDR Base Reflectivity	.13nm X 1deg	3.1-3.5DEG	n/a
SDUS6i	NZQ	94/DR Base Reflectivity	.54nm X 1deg	0.3DEG	DS.p94rz
SDUS6i	N0Q	94/DR Base Reflectivity	.54nm X 1deg	0.5DEG	DS.p94r0
SDUS6i	NAQ	94/DR Base Reflectivity	.54nm X 1deg	0.9DEG	DS.p94ra
SDUS6i	N1Q	94/DR Base Reflectivity	.54nm X 1deg	1.3-1.5DEG	DS.p94r1
SDUS6i	NBQ	94/DR Base Reflectivity	.54nm X 1deg	1.8DEG	DS.p94rb
SDUS6i	N2Q	94/DR Base Reflectivity	.54nm X 1deg	2.4-2.5DEG	DS.p94r2
SDUS6i	N3Q	94/DR Base Reflectivity	.54nm X 1deg	3.1-3.5DEG	DS.p94r3
SDUS5i	NZG	154/SDV Base Radial Velocity	.13nm X .5deg	0.3DEG	n/a
SDUS5i	N0G	154/SDV Base Radial Velocity	.13nm X .5deg	0.5DEG	n/a
SDUS5i	NAG	154/SDV Base Radial Velocity	.13nm X .5deg	0.9DEG	n/a
SDUS2i	N1G	154/SDV Base Radial Vel.	.13nm X .5deg	1.3-1.5DEG	n/a
SDUS6i	NZU	99/DV Base Radial Velocity	.13nm X 1deg	0.3DEG	DS.p99vz
SDUS6i	N0U	99/DV Base Radial Velocity	.13nm X 1deg	0.5DEG	DS.p99v0
SDUS6i	NAU	99/DV Base Radial Velocity	.13nm X 1deg	0.9DEG	DS.p99va
SDUS6i	N1U	99/DV Base Radial Velocity	.13nm X 1deg	1.3-1.5DEG	DS.p99v1
SDUS2i	NBU	99/DV Base Radial Velocity	.13nm X 1deg	1.8DEG	DS.p99vb
SDUS2i	N2U	99/DV Base Radial Velocity	.13nm X 1deg	2.4-2.5DEG	DS.p99v2
SDUS2i	N3U	99/DV Base Radial Velocity	.13nm X 1deg	3.1-3.5DEG	DS.p99v3
SDUS6i	NSW	30/SW Base Spectrum Width	.54nm X 1deg	0.5DEG	DS.p30sw
SDUS5i	N0S	56/SRM Storm Relative Vel.	.54nm X 1deg	0.5DEG	DS.56rm0
SDUS6i	N1S	56/SRM Storm Relative Vel.	.54nm X 1deg	1.3-1.5DEG	DS.56rm1
SDUS6i	N2S	56/SRM Storm Relative Vel.	.54nm X 1deg	2.4-2.5DEG	DS.56rm2
SDUS6i	N3S	56/SRM Storm Relative Vel.	.54nm X 1deg	3.1-3.5DEG	DS.56rm3
SDUS5i	NCR	37/CR Composite Reflectivity	.54nm X .54nm		DS.p37cr
SDUS6i	NCZ	38/CR Composite Reflectivity	2.2nm X 2.2nm		DS.p38cr
SDUS6i	NLA	67/APR Low Layer Composite Refl.	2.2nm X 2.2nm		DS.67apr
SDUS6i	NML	66/LRM Mid Layer Composite Refl.	2.2nm X 2.2nm		DS.66lrm
SDUS6i	NHL	90/LRM High Layer Composite Refl.	2.2nm X 2.2nm		DS.90lrm
SDUS7i	EET	135/EET Enhanced Echo Tops	.54nm X 1deg		DS.135et
SDUS6i	NET	41/ET Echo Tops	2.2nm X 2.2nm		DS.p41et
SDUS5i	DVL	134/DVL Dig. Vert. Integrated Liquid	.54nm X 1deg		DS.134il
SDUS5i	NVL	57/VIL Vertical Integrated Liquid	2.2nm X 2.2nm		DS.57vil
SDUS3i	NVW	48/VWP Velocity Azimuth Display Wind Profile			DS.48vwp
SDUS6i	NSS	62/SS Storm Structure			DS.p62ss
SDUS6i	NST	58/STI Storm Tracking Information			DS.58sti
SDUS6i	NHI	59/HI Hail Index			DS.p59hi
SDUS3i	NMD	141/MD Mesocyclone Detection			DS.141md
SDUS6i	NTV	61/TVS Tornado Vortex Signature			DS.61tvs
SDUS5i	DHR	32/DHR Dig. Hybrid Scan Reflectivity	.54nm X 1deg		DS.32dhr
SDUS5i	DPA	81/DPA Hourly Digital Precipitation Array	1/40 LFM		DS.81dpr
SDUS6i	NZF	113/PRC Power Removed Control	.13nm X .5deg	0.3DEG	DS.113fz
SDUS6i	N0F	113/PRC Power Removed Control	.13nm X .5deg	0.5DEG	DS.113f0
SDUS6i	NAF	113/PRC Power Removed Control	.13nm X .5deg	0.9DEG	DS.113fa
SDUS6i	N1F	113/PRC Power Rem. Con.	.13nm X .5deg	1.3-1.5DEG	DS.113f1
SDUS6i	NBF	113/PRC Power Rem. Control	.13nm X 1deg	1.8DEG	DS.113fb

SDUS6i	N2F	113/PRC	Power Rem. Control	.13nm X 1deg	2.4-2.5DEG	DS.113f2
SDUS6i	N3F	113/PRC	Power Rem. Control	.13nm X 1deg	3.1-3.5DEG	DS.113f3
SDUS8i	NZX	159/DZD	Differential Refl.	.13nm X 1deg	0.3DEG	DS.159xz
SDUS8i	N0X	159/DZD	Differential Refl.	.13nm X 1deg	0.5DEG	DS.159x0
SDUS8i	NAX	159/DZD	Differential Refl.	.13nm X 1deg	0.9DEG	DS.159xa
SDUS8i	N1X	159/DZD	Differential Refl.	.13nm X 1deg	1.3-1.5DEG	DS.159x1
SDUS8i	NBX	159/DZD	Differential Refl.	.13nm X 1deg	1.8DEG	DS.159xb
SDUS8i	N2X	159/DZD	Differential Refl.	.13nm X 1deg	2.4-2.5DEG	DS.159x2
SDUS8i	N3X	159/DZD	Differential Refl.	.13nm X 1deg	3.1-3.5DEG	DS.159x3
SDUS8i	NZC	161/DCC	Correlation Coeff.	.13nm X 1deg	0.3DEG	DS.161cz
SDUS8i	N0C	161/DCC	Correlation Coeff.	.13nm X 1deg	0.5DEG	DS.161c0
SDUS8i	NAC	161/DCC	Correlation Coeff.	.13nm X 1deg	0.9DEG	DS.161ca
SDUS8i	N1C	161/DCC	Corr. Coefficient	.13nm X 1deg	1.3-1.5DEG	DS.161c1
SDUS8i	NBC	161/DCC	Corr. Coefficient	.13nm X 1deg	1.8DEG	DS.161cb
SDUS8i	N2C	161/DCC	Corr. Coefficient	.13nm X 1deg	2.4-2.5DEG	DS.161c2
SDUS8i	N3C	161/DCC	Corr. Coefficient	.13nm X 1deg	3.1-3.5DEG	DS.161c3
SDUS8i	NZK	163/DKD	Specific Diff. Phase	.13nm X 1deg	0.3DEG	DS.163kz
SDUS8i	N0K	163/DKD	Specific Diff. Phase	.13nm X 1deg	0.5DEG	DS.163k0
SDUS8i	NAK	163/DKD	Specific Diff. Phase	.13nm X 1deg	0.9DEG	DS.163ka
SDUS8i	N1K	163/DKD	Spec. Diff. Phase	.13nm X 1deg	1.3-1.5DEG	DS.163k1
SDUS8i	NBK	163/DKD	Spec. Diff. Phase	.13nm X 1deg	1.8DEG	DS.163kb
SDUS8i	N2K	163/DKD	Spec. Diff. Phase	.13nm X 1deg	2.4-2.5DEG	DS.163k2
SDUS8i	N3K	163/DKD	Spec. Diff. Phase	.13nm X 1deg	3.1-3.5DEG	DS.163k3
SDUS8i	NZH	165/DHC	Hydrometeor Class.	.13nm X 1deg	0.3DEG	DS.165hz
SDUS8i	N0H	165/DHC	Hydrometeor Class.	.13nm X 1deg	0.5DEG	DS.165h0
SDUS8i	NAH	165/DHC	Hydrometeor Class.	.13nm X 1deg	0.9DEG	DS.165ha
SDUS8i	N1H	165/DHC	Hydrometeor Class.	.13nm X 1deg	1.3-1.5DEG	DS.165h1
SDUS8i	NBH	165/DHC	Hydrometeor Class.	.13nm X 1deg	1.8DEG	DS.165hb
SDUS8i	N2H	165/DHC	Hydrometeor Class.	.13nm X 1deg	2.4-2.5DEG	DS.165h2
SDUS8i	N3H	165/DHC	Hydrometeor Class.	.13nm X 1deg	3.1-3.5DEG	DS.165h3
SDUS8i	NZM	166/ML	Melting Layer	.13nm X .13nm	0.3DEG	DS.166mz
SDUS8i	N0M	166/ML	Melting Layer	.13nm X .13nm	0.5DEG	DS.166m0
SDUS8i	NAM	166/ML	Melting Layer	.13nm X .13nm	0.9DEG	DS.166ma
SDUS8i	N1M	166/ML	Melting Layer	.13nm X .13nm	1.3-1.5DEG	DS.166m1
SDUS8i	NBM	166/ML	Melting Layer	.13nm X .13nm	1.8DEG	DS.166mb
SDUS8i	N2M	166/ML	Melting Layer	.13nm X .13nm	2.4-2.5DEG	DS.166m2
SDUS8i	N3M	166/ML	Melting Layer	.13nm X .13nm	3.1-3.5DEG	DS.166m3
SDUS8i	HHC	177/HHC	Hybrid Scan Hydrometeor Class	.13nm X 1deg		DS.177hh
SDUS8i	NRR	197/RRC	Hybrid Scan Rain Rate Class.	.13nm X 1deg		DS.197rr
SDUS8i	DPR	176/DPR	Instantaneous Precip. Rate	.13nm X 1deg		DS.176pr
SDUS8i	OHA	169/OHA	QPE One Hour Accumulation	1.1nm X 1deg		DS.169oh
SDUS8i	DAA	170/DAA	QPE One Hour Digital Accum.	.13nm X 1deg		DS.170aa
SDUS8i	DTA	172/DSA	QPE Dig. Storm Total Accum.	.13nm X 1deg		DS.172dt
SDUS8i	DU3	173/DUA	QPE User Select. 3 Hr Accum.	.13nm X 1deg		DS.173u1
SDUS8i	DU6	173/DUA	QPE User Select. 24 Hr Accum.	.13nm X 1deg		DS.173u3

Note: The abbreviation DEG is used to denote degrees elevation angle, while deg denotes degrees azimuth angle resolution.

These products will be available via NOAAPORT and from the RPCADS FTP site <https://tgftp.nws.noaa.gov/SL.us008001/DF.of/DC.radar/> at the indicated directory names. Exceptions are that super-res reflectivity

and velocity products (153/SDR, 154/SDV) are only disseminated on NOAAPORT and SDUS6i products are only disseminated on RPCCDS.

Dissemination of supplemental low elevation products began in 2020 at other sites (see [SCN20-42](#), [SCN23-96](#), and [SCN24-09](#) for more information).

Please direct comments or report impacts from this change to:

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<https://www.weather.gov/notification/>

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