

# COMMON BLOCK GDATE

## Purpose

Contains date information, for both the current date and the hydrologic date, for the Ft. Worth MARO function.

## Listing

COMMON /GDATE/ NW, NDA, NWKDAY, MO, MONTH, NDATE, NYR, NYEAR,  
ICHR, ICMINS, JDTNOW, JHRNOW, ITIME6(24), LTSLOT, IATSA,  
NCPD6, LSTWK, LSTDA, LSTDAY, LSTMO, LSTMON, LSTDAT, LSTYR, LSTHRS,  
LSTJDA, LSTJHR, IHYWK, IHYDA, IHYDAY, IHYMO, IHYMON, IHYDAT,  
IHYYR, IHYHRS, ICURDA, ICURHR, IHBWK, IHBDA, IHBDAY,  
IHBMO, IHBMON, IHBDAT, IHBYR, IHBHRS, IBEGDA, IBEGHR

## Size

69 words

## Variable Description

<u>Variable</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
NW	I	1	1	Week number determined by computer clock.
NDA	I	1	2	Number of day of week (1-7) determined by computer clock.
NWKDAY	I	1	3	Name associated with NDA (1-SUN, 2-MON, 3-TUE, 4-WED, 5-THU, 6-FRI, 7-SAT).
MO	I	1	4	Month number as determined by computer clock (JAN=1, FEB=2, MAR=3, APR=4, MAY=5, etc.).
MONTH	I	1	5	Month name determined by computer clock (JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC).
NDATE	I	1	6	Date of month determined by computer clock.
NYR	I	1	7	Year (2 digits) determined by computer clock.

<u>Variable</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
NYEAR	I	1	8	Year (4 digits) determined by computer clock.
ICHRS	I	1	9	Current hour (Z time) as determined by computer clock.
ICMINS	I	1	10	Current minutes as determined by computer clock.
JDTNOW	I	1	11	Julian date (internal time) as determined by computer date-time clock.
JHRNOW	I	1	12	Julian hours (internal time) as determined by computer date-time clock.
ITIME6	I	24	13	Ending times (Z time) for up to 24 one-hour hydrologic data time slots in the hydrologic day. Currently MARO is a six-hour system so only the 4 six-hour time slots are initialized in the array. These are 18Z, 00Z, 06Z, and 12Z.
LTSLOT	I	1	37	Latest 6-hour time slot (Z time) for which data is available (LTSLOT = 18, 00, 06, or 12).
IATSA	I	1	38	Flag denoting if all four of the 6-hour time periods ending at 12Z on the ending rundate should be available. 1 = All 4 time periods are available. 0 = Not all 4 time periods are available.
NCPD6	I	1	39	Number of 6-hour time periods for which data is available. 1 = 18Z data available only. 2 = 18Z and 00Z data available. 3 = 18Z, 00Z, and 06Z data available. 4 = 18Z, 00Z, 06Z, and 12Z data available.

<u>Variable</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
LSTWK	I	1	40	Week number of the last day for which computational data is available (LSTCMPDY).
LSTDA	I	1	41	Number of the day of the week for LSTCMPDY.
LSTDAY	I	1	42	Name of the day of the week for LSTCMPDY.
LSTMO	I	1	43	Month number of LSTCMPDY.
LSTMON	I	1	44	Month name of LSTCMPDY.
LSTDAT	I	1	45	Date of month of LSTCMPDY.
LSTYR	I	1	46	Year (4 digits) of LSTCMPDY.
LSTHRS	I	1	47	Hours (Z time) of LSTCMPDY.
LSTJDA	I	1	48	'External Date' associated with LSTCMPDY.
LSTJHR	I	1	49	'External Hour' associated with LSTCMPDY.
IHYWK	I	1	50	Week number as determined by the ending hydrologic day being processed.
IHYDA	I	1	51	Number of day of week of the ending hydrologic day being processed.
IHYDAY	I	1	52	Name of day of week associated with IHYDA.
IHYMO	I	1	53	Month number of the ending hydrologic day being processed.
IHYMON	I	1	54	Month that contains the ending hydrologic day being processed.
IHYDAT	I	1	55	Date of month for ending hydrologic day being processed.
IHYR	I	1	56	Year (4 digits) for ending hydrologic day being processed.
IHYHRS	I	1	57	Hours (Z time) in the ending hydrologic day. This number is currently 12.

<u>Variable</u>	<u>Type</u>	<u>Dim.</u>	<u>Word Pos.</u>	<u>Description</u>
ICURDA	I	1	58	An 'external date' to be used with the RPDDL/YPDDL software packages. This is the Julian date of the ending hydrologic day being processed.
ICURHR	I	1	59	The 'external hour'. This is the number of hours elapsed in ICURDA.
IHBWK	I	1	60	Week number as determined by the beginning hydrologic day being processed.
IHBDA	I	1	61	Number of day of week of the beginning hydrologic day being processed.
IHBDAY	I	1	62	Name of day of week associated with IHBDA.
IHBMO	I	1	63	Month number of the beginning hydrologic day being processed.
IHBMON	I	1	64	Month that contains the beginning hydrologic day being processed.
IHB DAT	I	1	65	Date of month for beginning hydrologic day being processed.
IHBYR	I	1	66	Year (4 digits) for beginning hydrologic day being processed.
IHBHRS	I	1	67	Hours (Z time) in the beginning hydrologic day. This number is currently 12.
IBEGDA	I	1	68	An 'external date' to be used with the RPDDL/YPDDL software packages. This is the Julian date of the beginning hydrologic day being processed.
IBEGHR	I	1	69	The 'external hour'. This is the number of hours elapsed in IBEGDA.