

# Appendix. Datetime format

NOC uses the same format as PHP's date() function (<http://php.net/date>) with some custom extensions.

Available format characters:

Format char	Description	Example output
a	'a.m.' or 'p.m.'	'a.m.'
A	'AM' or 'PM'	'AM'
b	Month, textual, 3 letters, lowercase.	'jan'
B	Not implemented.	
d	Day of the month, 2 digits with leading zeros.	'01' to '31'
D	Day of the week, textual, 3 letters.	'Fri'
f	Time, in 12-hour hours and minutes, with minutes left off if they're zero.	'1', '1:30'
F	Month, textual, long.	'January'
g	Hour, 12-hour format without leading zeros.	'1' to '12'
G	Hour, 24-hour format without leading zeros.	'0' to '23'
h	Hour, 12-hour format.	'01' to '12'
H	Hour, 24-hour format.	'00' to '23'
i	Minutes.	'00' to '59'
l	Not implemented.	
j	Day of the month without leading zeros.	'1' to '31'
l	Day of the week, textual, long.	'Friday'
L	Boolean for whether it's a leap year.	True or False
m	Month, 2 digits with leading zeros.	'01' to '12'
M	Month, textual, 3 letters.	'Jan'
n	Month without leading zeros.	'1' to '12'
N	Month abbreviation in Associated Press style.	'Jan.', 'Feb.', 'March', 'May'
O	Difference to Greenwich time in hours.	'+0200'
P	Time, in 12-hour hours, minutes and 'a.m./p.m.' with extensions	1 a.m., '1:30 p.m.', 'midnight', 'noon'
r	RFC 2822 formatted date.	'Thu, 21 Dec 2000 16:01:07 +0200'
s	Seconds, 2 digits with leading zeros.	'00' to '59'
S	English ordinal suffix for day of the month, 2 characters.	'st', 'nd', 'rd' or 'th'
t	Number of days in the given month.	28 to 31
T	Time zone of this machine.	'EST', 'MDT'
U	Not implemented.	
w	Day of the week, digits without leading zeros.	'0' (Sunday) to '6' (Saturday)
W	ISO-8601 week number of year, with weeks starting on Monday.	1, 53
y	Year, 2 digits.	'99'
Y	Year, 4 digits.	'1999'

z	Day of the year.	0 to 365
Z	Time zone offset in seconds. (West of UTC is negative, east - positive)	-43200 to 43200