

Wikiprint Book

Title: CFSv2_seasonal dataset member setup

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Table of Contents

CFSv2_seasonal dataset member setup

3

CFSv2_seasonal dataset member setup

The ensemble members are obtained by lagged initializations (`runtimes` hereafter) depending on release date. There are 12 release dates, corresponding to the 15th of each month. The members for the mid-january 1982 correspond to the following `runtime` dates:

Year	Month	Day	Hour
1981	12	12	at 00, 06, 12 and 18 UTC
1981	12	17	at 00, 06, 12 and 18 UTC
1981	12	22	at 00, 06, 12 and 18 UTC
1981	12	27	at 00, 06, 12 and 18 UTC
1982	01	1	at 00, 06, 12 and 18 UTC
1982	01	6	at 00, 06, 12 and 18 UTC

Following this configuration, the `runtimes` for the 12 release dates for each year are indicated in the tables below (the default 15 initializations defining members are indicated in boldface, as taken by the [R package](#) for data access). Note that due to some missing initializations in the original dataset, the configuration of the default members taken through the R interface are not directly the first 15 initializations of the corresponding lead month, but the 15 first **complete** initializations (i.e., available for *all* years in hindcast).

In particular, the missing initialization times (tested for precipitation) are indicated with asterisks in the table (* for 1989 or ** for 1998), and the specific location of the missing runtimes indicated in the rightmost column. As a result, the total number of selectable members varies depending of the lead month chosen (this is indicated by *n* in the tables below). These are selected in R through the `members` argument of the function `loadECOMS` that can take any integer value from 1 to *n* for each particular lead month, corresponding this value to their relative order in the tables below (and excluding the members marked with asterisks).

Mid-January (n = 22 members)				Missing runtimes
Month	Day	Hour		Location (see index (*)
12 (n = 6)	12	at 00, 06, 12 and 18 UTC	2187 (2 Dec 1989 00:00 UTC)	
12 (n = 6)	17	at 00, 06, 12 and 18 UTC	2192 (7 Dec 1989 00:00 UTC)	
12 (n = 6)	22	at 00, 06, 12 and 18 UTC	2197 (12 Dec 1989 00:00 UTC)	
12 (n = 6)	27	at 00, 06, 12 and 18 UTC	2202 (17 Dec 1989 00:00 UTC)	
01	1	at 00, 06, 12 and 18 UTC	2207 (22 Dec 1989 00:00 UTC)	
01	6	at 00, 06, 12 and 18 UTC	2212 (27 Dec 1989 00:00 UTC)	
Mid-February (n = 24 members)				
Month	Day	Hour		
01	11	at 00, 06, 12 and 18 UTC		
01	16	at 00, 06, 12 and 18 UTC		
01	21	at 00, 06, 12 and 18 UTC		
01	26	at 00, 06, 12 and 18 UTC		
02	1	at 00, 06, 12 and 18 UTC		
02	6	at 00, 06, 12 and 18 UTC		
Mid-March (n = 25 members)				
Month	Day	Hour		Location (see index (*)
02	11	at 00, 06, 12 and 18 UTC		
02	16	at 00, 06, 12 and 18 UTC		
02	21	at 00, 06, 12 and 18 UTC		
02	26	at 00, 06, 12 and 18 UTC		
03	1	at 00, 06, 12 and 18 UTC		
03	6	at 00, 06, 12 and 18 UTC	2217 (31 Mar 1989 00:00 UTC)	
03	7	at 00, 06, 12 and 18 UTC		
Mid-April (n = 24 members)				
Month	Day	Hour		
03	12	at 00, 06, 12 and 18 UTC		
03	17	at 00, 06, 12 and 18 UTC		
03	22	at 00, 06, 12 and 18 UTC		
03	27	at 00, 06, 12 and 18 UTC		
04	1	at 00, 06, 12 and 18 UTC		
04	6	at 00, 06, 12 and 18 UTC		
Mid-May (n = 24 members)				
Month	Day	Hour		
04	11	at 00, 06, 12 and 18 UTC		
04	16	at 00, 06, 12 and 18 UTC		
04	21	at 00, 06, 12 and 18 UTC		
04	26	at 00, 06, 12 and 18 UTC		
05	1	at 00, 06, 12 and 18 UTC		
05	6	at 00, 06, 12 and 18 UTC		
Mid-June (n = 24 members)				
Month	Day	Hour		
05	11	at 00, 06, 12 and 18 UTC		
05	16	at 00, 06, 12 and 18 UTC		
05	21	at 00, 06, 12 and 18 UTC		
05	26	at 00, 06, 12 and 18 UTC		
06	1	at 00, 06, 12 and 18 UTC		
06	6	at 00, 06, 12 and 18 UTC		
Mid-July (n = 24 members)				
Month	Day	Hour		
06	11	at 00, 06, 12 and 18 UTC		
06	16	at 00, 06, 12 and 18 UTC		
06	21	at 00, 06, 12 and 18 UTC		
06	26	at 00, 06, 12 and 18 UTC		
07	1	at 00, 06, 12 and 18 UTC		
07	6	at 00, 06, 12 and 18 UTC		
Mid-August (n = 24 members)				
Month	Day	Hour		
07	11	at 00, 06, 12 and 18 UTC		
07	16	at 00, 06, 12 and 18 UTC		
07	21	at 00, 06, 12 and 18 UTC		
07	26	at 00, 06, 12 and 18 UTC		
08	1	at 00, 06, 12 and 18 UTC		
08	6	at 00, 06, 12 and 18 UTC		
Mid-September (n = 24 members)				
Month	Day	Hour		
08	11	at 00, 06, 12 and 18 UTC		
08	16	at 00, 06, 12 and 18 UTC		
08	21	at 00, 06, 12 and 18 UTC		
08	26	at 00, 06, 12 and 18 UTC		
09	1	at 00, 06, 12 and 18 UTC		
09	6	at 00, 06, 12 and 18 UTC		
Mid-October (n = 24 members)				
Month	Day	Hour		
09	11	at 00, 06, 12 and 18 UTC		
09	16	at 00, 06, 12 and 18 UTC		
09	21	at 00, 06, 12 and 18 UTC		
09	26	at 00, 06, 12 and 18 UTC		
10	1	at 00, 06, 12 and 18 UTC		
10	6	at 00, 06, 12 and 18 UTC		
Mid-November (n = 26 members)				
Month	Day	Hour		Location (see index (*)
10	6	at 00, 06, 12 and 18 UTC		
10	11	at 00, 06, 12 and 18 UTC		
10	16	at 00, 06, 12 and 18 UTC		
10	21	at 00, 06, 12 and 18 UTC		
10	26	at 00, 06, 12 and 18 UTC		
11	1	at 00, 06, 12 and 18 UTC	2222 (26 Nov 1989 00:00 UTC)	
11	7	at 00, 06, 12 and 18 UTC	2227 (1 Dec 1989 00:00 UTC)	
Mid-December (n = 26 members)				
Month	Day	Hour		Location (see index (*)
11	12	at 00, 06, 12 and 18 UTC	2232 (1 Dec 1989 00:00 UTC)	
11	17	at 00, 06, 12 and 18 UTC	2237 (6 Dec 1989 00:00 UTC)	
11	22	at 00, 06, 12 and 18 UTC	2242 (11 Dec 1989 00:00 UTC)	
11	27	at 00, 06, 12 and 18 UTC	2247 (16 Dec 1989 00:00 UTC)	
12	1	at 00, 06, 12 and 18 UTC	2252 (21 Dec 1989 00:00 UTC)	
12	7	at 00, 06, 12 and 18 UTC	2257 (27 Dec 1989 00:00 UTC)	