

## **Wikiprint Book**

**Title:** CFSv2\_seasonal dataset member setup

**Subject:** TracMeteo - udg/ecomms/dataserver/datasets/CFSv2

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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)			
Month	Day	Hour	Location axis index (*)
12 (n = 6)	12	at 00, 06, 12 and 18 UTC	2187 (2 Dec 1989 00:00:00 UTC)
12 (n = 6)	17	at 00, 06, 12 and 18 UTC	2192 (7 Dec 1989 00:00:00 UTC)
12 (n = 6)	22	at 00, 06, 12 and 18 UTC	2197 (12 Dec 1989 00:00:00 UTC)
12 (n = 6)	27	at 00, 06, 12 and 18 UTC	2202 (17 Dec 1989 00:00:00 UTC)
01	1	at 00, 06, 12 and 18 UTC	2207 (22 Dec 1989 00:00:00 UTC)
01	6	at 00, 06, 12 and 18 UTC	2212 (27 Dec 1989 00:00:00 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	31	at 00, 06, 12 and 18 UTC	
02	5	at 00, 06, 12 and 18 UTC	
Mid-March (n = 26 members)			
Month	Day	Hour	Location axis index (*)
02	10	at 00, 06, 12 and 18 UTC	
02	15	at 00, 06, 12 and 18 UTC	
02	20	at 00, 06, 12 and 18 UTC	
02	25	at 00, 06, 12 and 18 UTC	
03	31	at 00, 06, 12 and 18 UTC	
03	5	at 00, 06, 12 and 18 UTC	1719 (31 Mar 1989 00:00:00 UTC)
03	7	at 00, 06, 12 and 18 UTC	
Mid-April (n = 28 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 = 30 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 = 32 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	31	at 00, 06, 12 and 18 UTC	
06	5	at 00, 06, 12 and 18 UTC	
Mid-July (n = 34 members)			
Month	Day	Hour	
06	10	at 00, 06, 12 and 18 UTC	
06	15	at 00, 06, 12 and 18 UTC	
06	20	at 00, 06, 12 and 18 UTC	
06	25	at 00, 06, 12 and 18 UTC	
07	31	at 00, 06, 12 and 18 UTC	
07	5	at 00, 06, 12 and 18 UTC	
Mid-August (n = 36 members)			
Month	Day	Hour	
07	10	at 00, 06, 12 and 18 UTC	
07	15	at 00, 06, 12 and 18 UTC	
07	20	at 00, 06, 12 and 18 UTC	
07	25	at 00, 06, 12 and 18 UTC	
08	31	at 00, 06, 12 and 18 UTC	
08	4	at 00, 06, 12 and 18 UTC	
Mid-September (n = 38 members)			
Month	Day	Hour	
08	9	at 00, 06, 12 and 18 UTC	
08	14	at 00, 06, 12 and 18 UTC	
08	19	at 00, 06, 12 and 18 UTC	
08	24	at 00, 06, 12 and 18 UTC	
08	29	at 00, 06, 12 and 18 UTC	
09	3	at 00, 06, 12 and 18 UTC	
Mid-October (n = 40 members)			
Month	Day	Hour	
09	8	at 00, 06, 12 and 18 UTC	
09	13	at 00, 06, 12 and 18 UTC	
09	18	at 00, 06, 12 and 18 UTC	
09	23	at 00, 06, 12 and 18 UTC	
09	28	at 00, 06, 12 and 18 UTC	
10	3	at 00, 06, 12 and 18 UTC	
Mid-November (n = 42 members)			
Month	Day	Hour	Location axis index (*)
10	8	at 00, 06, 12 and 18 UTC	
10	13	at 00, 06, 12 and 18 UTC	
10	18	at 00, 06, 12 and 18 UTC	
10	23	at 00, 06, 12 and 18 UTC	
10	28	at 00, 06, 12 and 18 UTC	
11	2	at 00, 06, 12 and 18 UTC	2184 (2 Nov 1989 00:00:00 UTC)
11	7	at 00, 06, 12 and 18 UTC	2189 (7 Nov 1989 00:00:00 UTC)
Mid-December (n = 44 members)			
Month	Day	Hour	Location axis index (*)
11	12	at 00, 06, 12 and 18 UTC	2194 (12 Nov 1989 00:00:00 UTC)
11	17	at 00, 06, 12 and 18 UTC	2199 (17 Nov 1989 00:00:00 UTC)
11	22	at 00, 06, 12 and 18 UTC	2204 (22 Nov 1989 00:00:00 UTC)
11	27	at 00, 06, 12 and 18 UTC	2209 (27 Nov 1989 00:00:00 UTC)
12	1	at 00, 06, 12 and 18 UTC	2214 (1 Dec 1989 00:00:00 UTC)
12	6	at 00, 06, 12 and 18 UTC	2219 (6 Dec 1989 00:00:00 UTC)