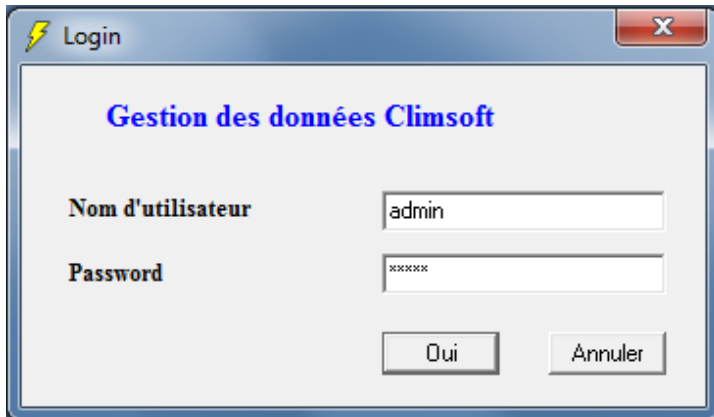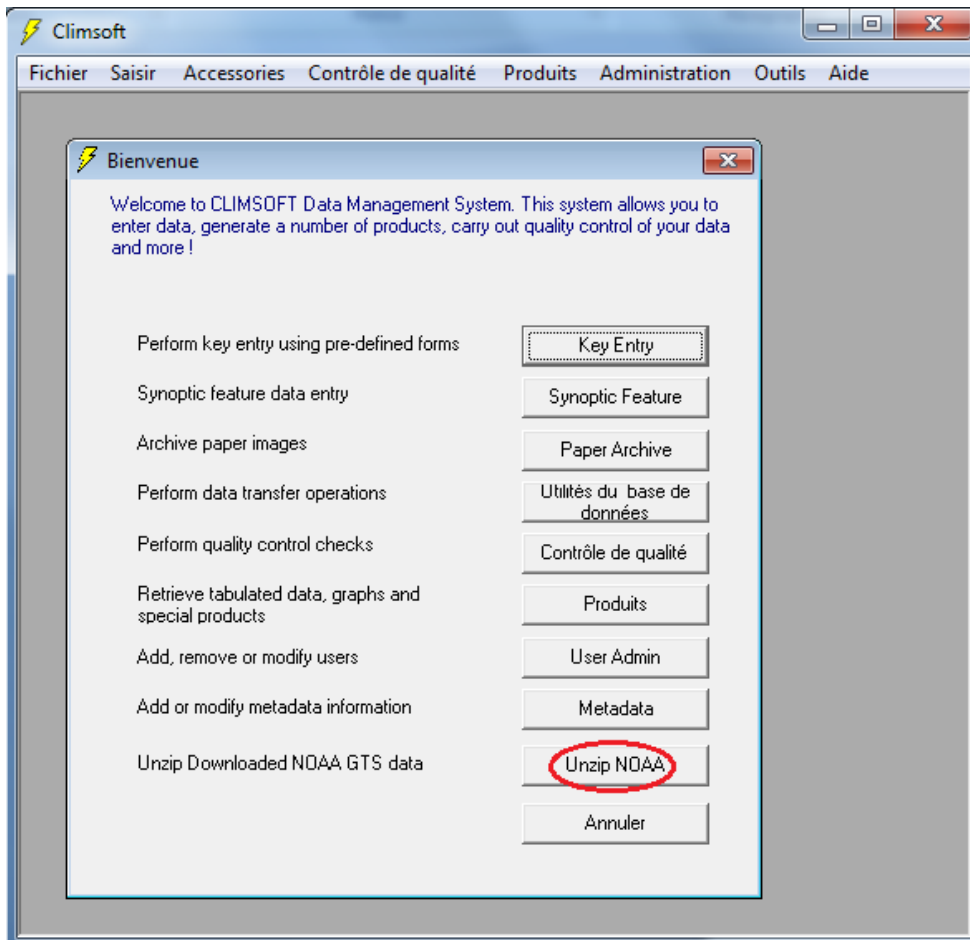# Procedure for Updating CLIMSOFT Database from GTS Data Downloaded from NOAA FTP Site and Production of Dekadal Bulletin
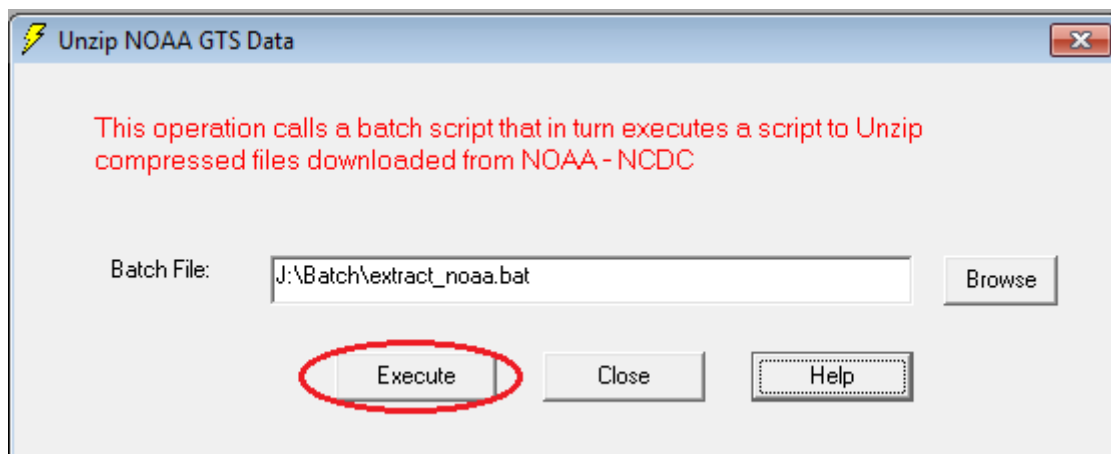
Step 1: Log into Climsoft

Password: admin
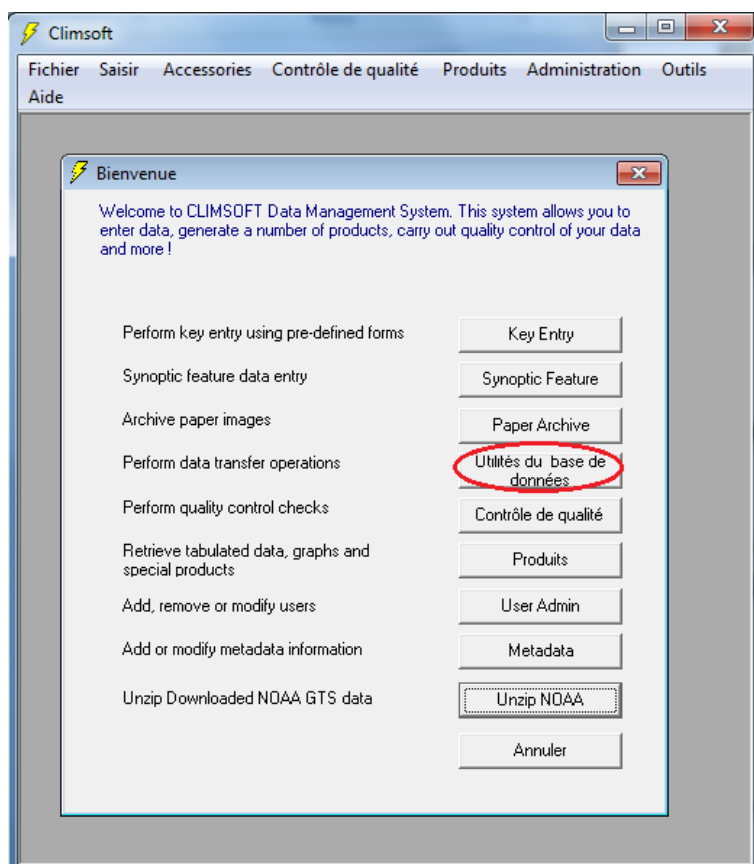
Step 2: Click on the Unzip NOAA button

Step 3: Click on button **Exceute** button to unzip the files
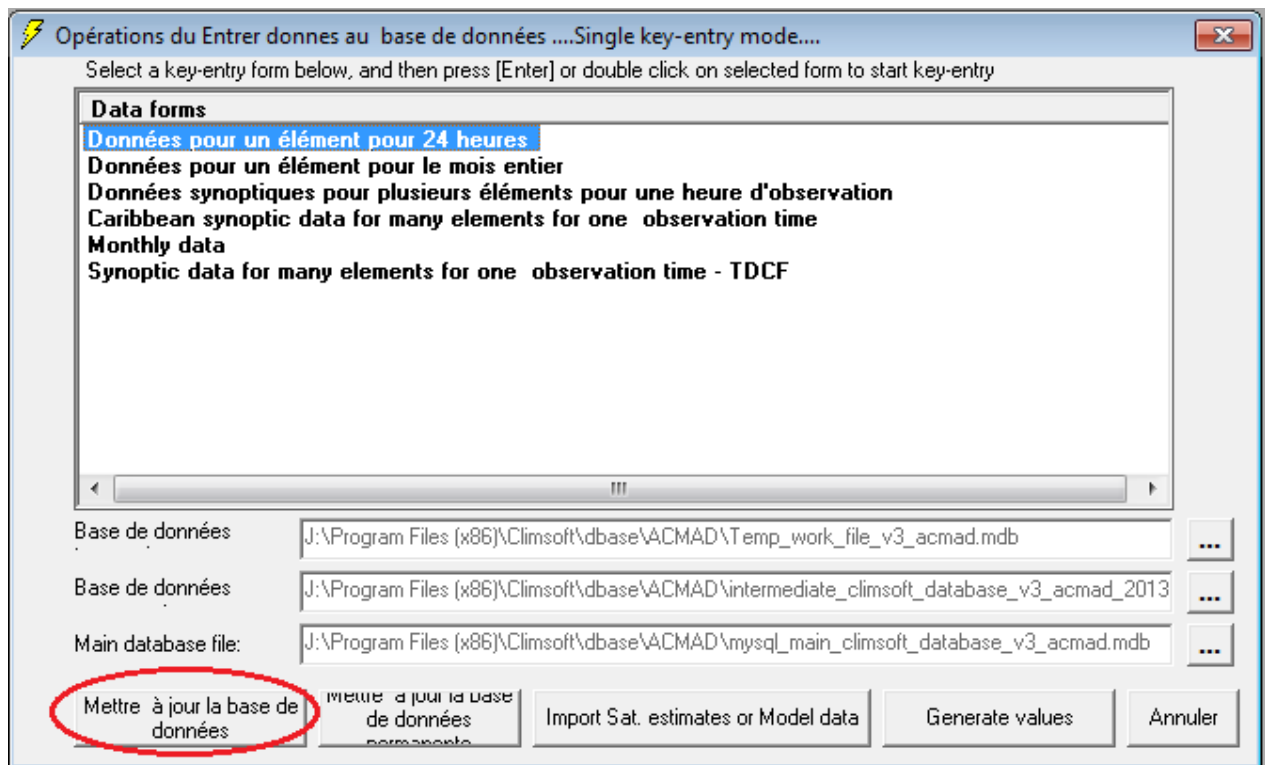

Step 4. Close the form to get back to the Welcome Screen

Step 5.

On the Welcome Screen, click ob DB Utilities

Step 6. Click on button **Update intermediate database**

Step 7. Select option **NOAA GTS daily** and Click **OK**
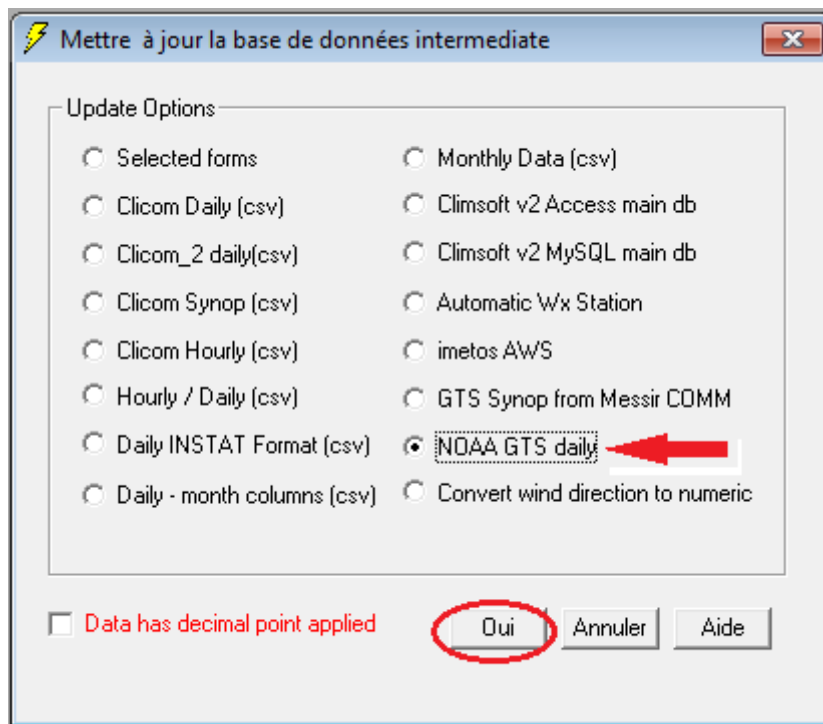
Step 8: Enter parameters for required dekad namely begin year, end year, begin month, end month, being day, end day. Click OK.
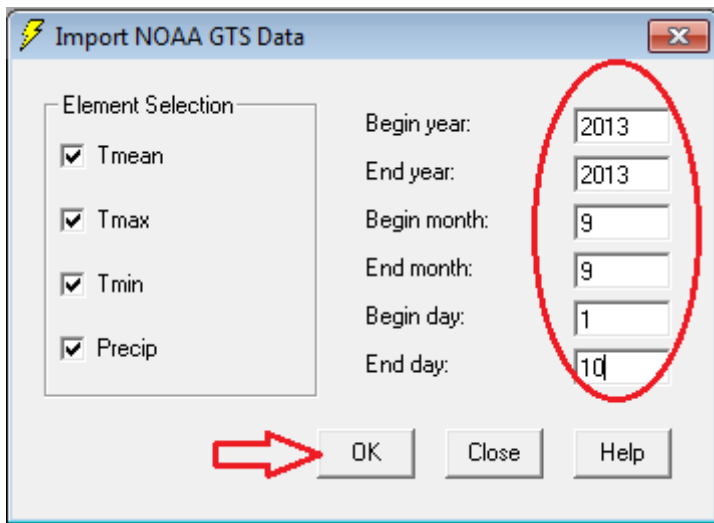
Step 9. Run Quality Control

Step 10. Click OK to run QC for absolute limits checks

Step 11. Specify parameters begin year, end year, begin month and end month for QC for the month containing the dekad you require.

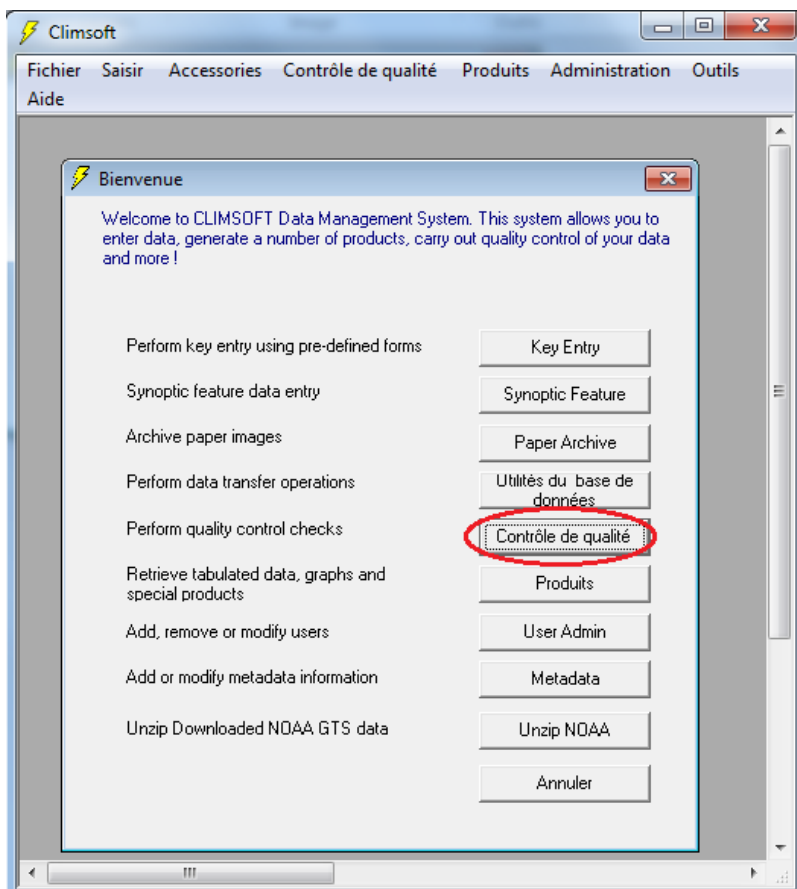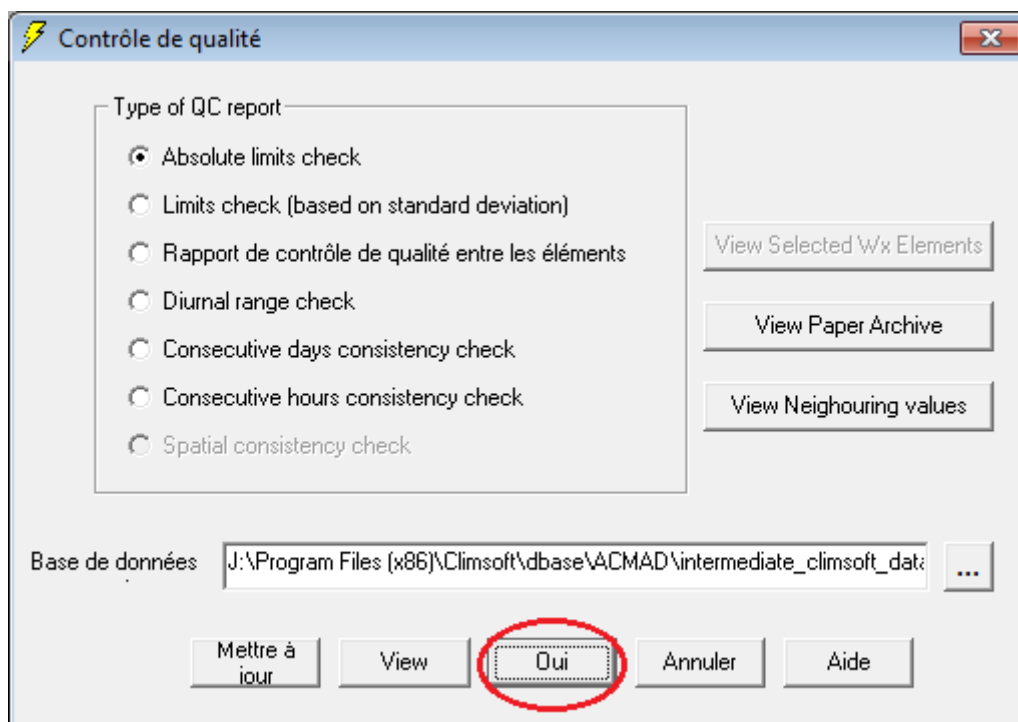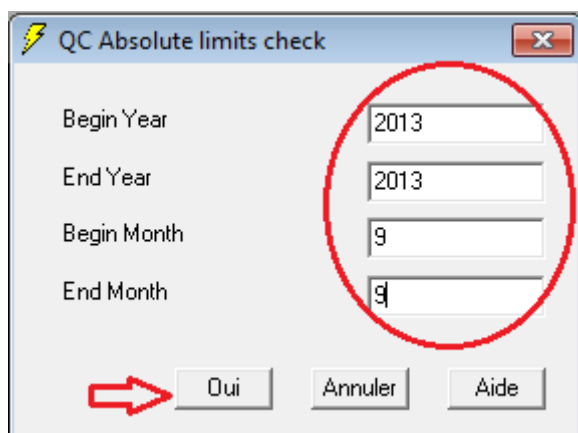Step 12. Check if there are any values that are doubtful. An explanation of QC reports is given in the Climsoft Help or Adminstrator's Guide.

	A	B	C	D	E	F	G	H	I	J	K	
1	station	element_code	obs_datetime	yyyy	mm	dd	hh	obs_value	limit	val_limit_diff	limit_type	qc
2	60155	5	09/06/2013 06:00	2013	9	6	6	1000.76	1000	-0.76	Upper_limit	
3	60555	2	09/08/2013 06:00	2013	9	8	6	460	440	-20	Upper_limit	
4	60580	2	09/08/2013 06:00	2013	9	8	6	450	440	-10	Upper_limit	
5	60580	2	09/09/2013 06:00	2013	9	9	6	441	440	-1	Upper_limit	
6	60581	2	09/08/2013 06:00	2013	9	8	6	450	440	-10	Upper_limit	
7	60602	3	09/06/2013 06:00	2013	9	6	6	351	320	-31	Upper_limit	
8	60603	2	09/08/2013 06:00	2013	9	8	6	442	440	-2	Upper_limit	
9	60603	3	15/09/2013 06:00:00	2013	9	15	6	352	320	-32	Upper_limit	
10	60630	2	09/07/2013 06:00	2013	9	7	6	445	440	-5	Upper_limit	
11	60630	2	09/08/2013 06:00	2013	9	8	6	467	440	-27	Upper_limit	
12	60630	2	09/09/2013 06:00	2013	9	9	6	466	440	-26	Upper_limit	
13	60630	2	09/10/2013 06:00	2013	9	10	6	454	440	-14	Upper_limit	
14	60630	2	09/11/2013 06:00	2013	9	11	6	455	440	-15	Upper_limit	
15	60630	2	09/12/2013 06:00	2013	9	12	6	451	440	-11	Upper_limit	
16	60630	2	13/09/2013 06:00:00	2013	9	13	6	447	440	-7	Upper_limit	
17	60630	2	14/09/2013 06:00:00	2013	9	14	6	443	440	-3	Upper_limit	
18	60630	2	15/09/2013 06:00:00	2013	9	15	6	444	440	-4	Upper_limit	

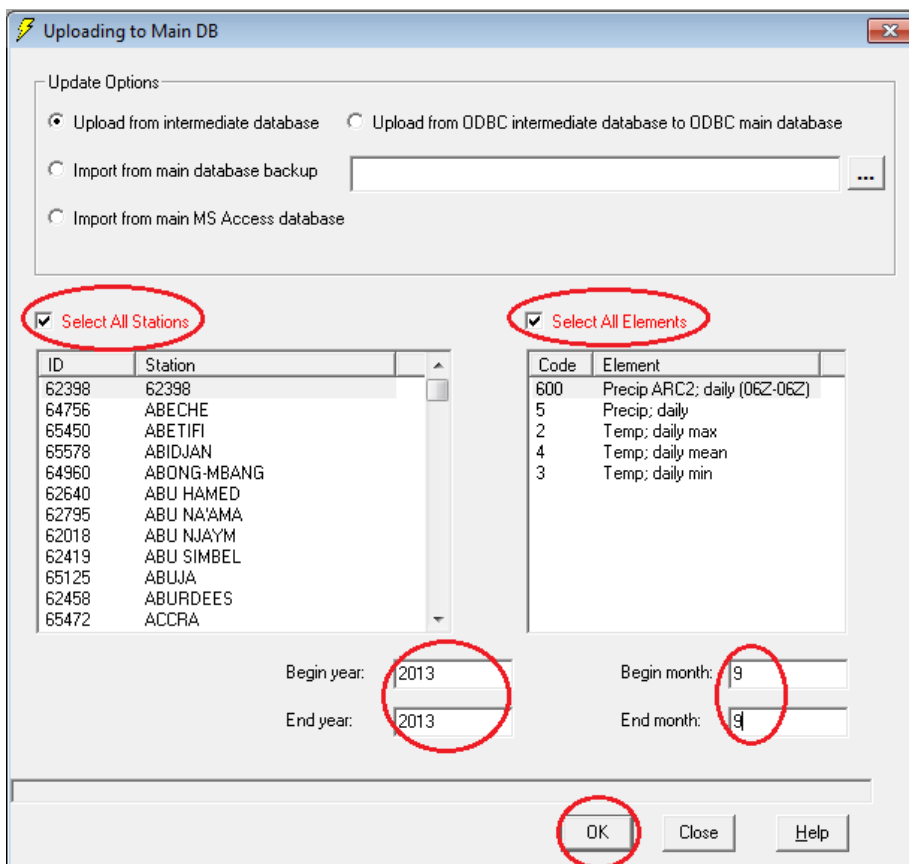qry_qc_absolute_limits_check_ou

Prêt   100 %

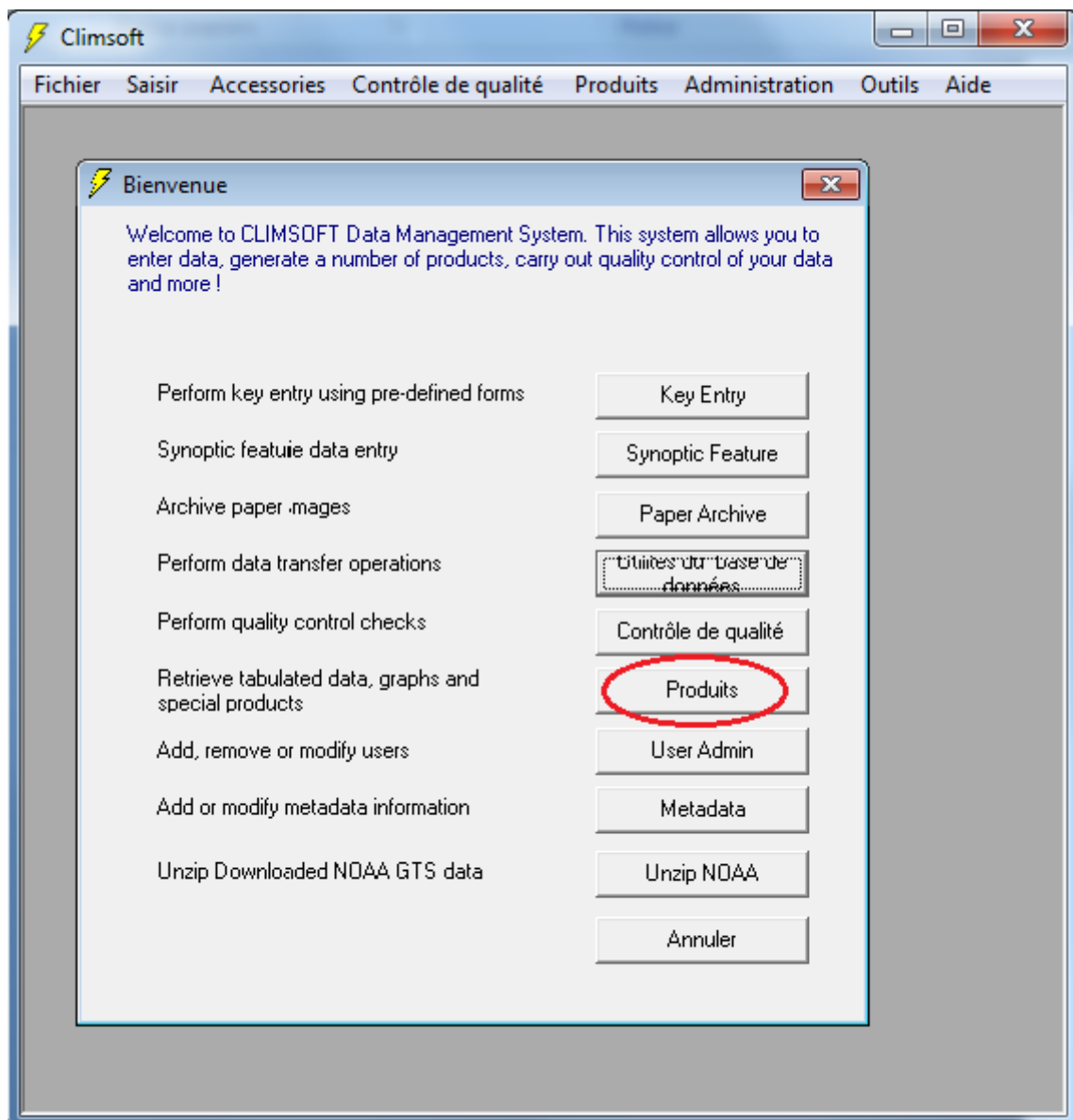Step 13: Go back to DB Utilities
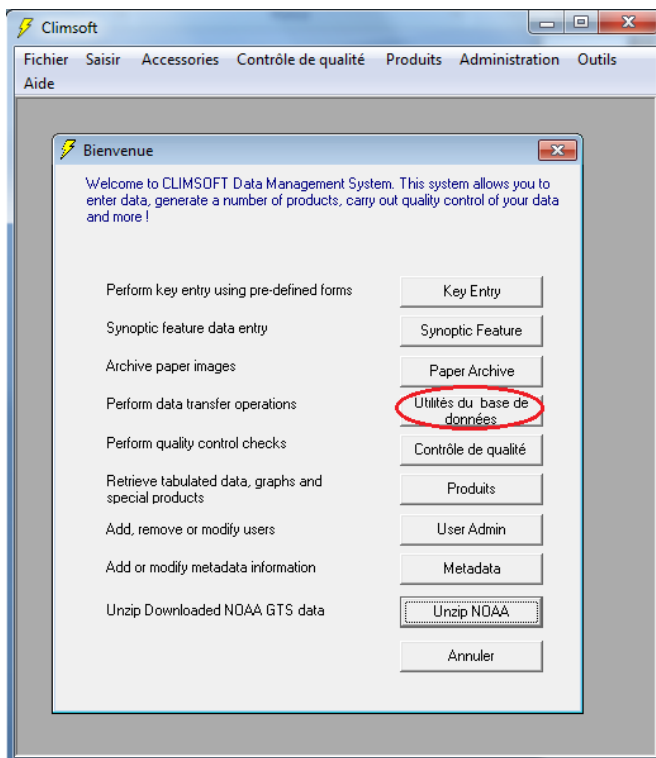
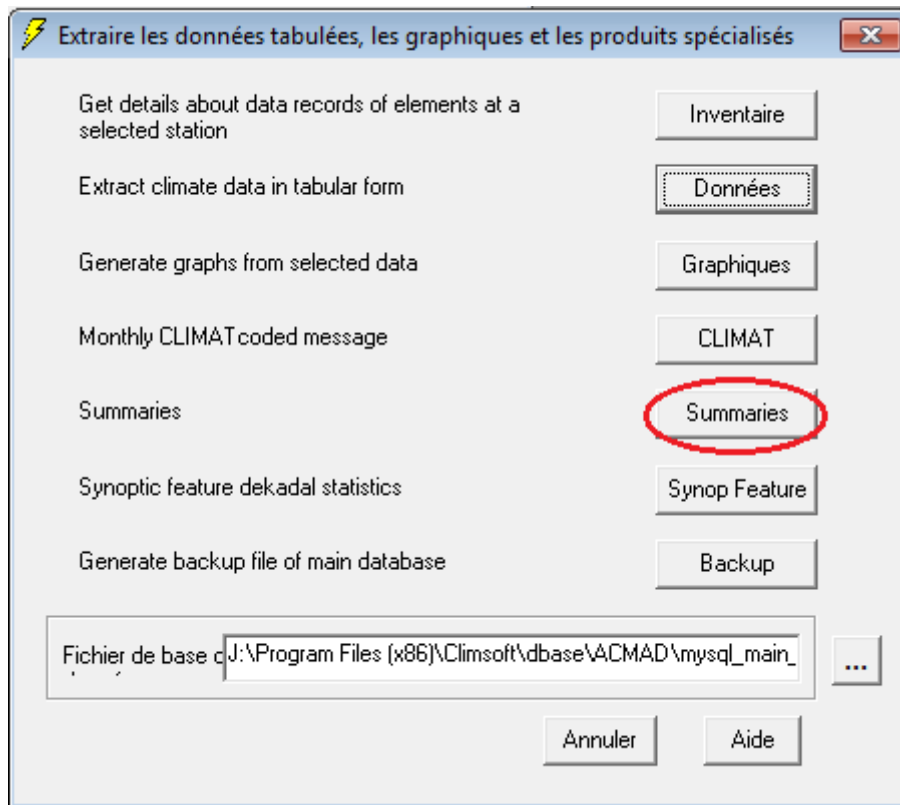Step 14: Click button for updating main database
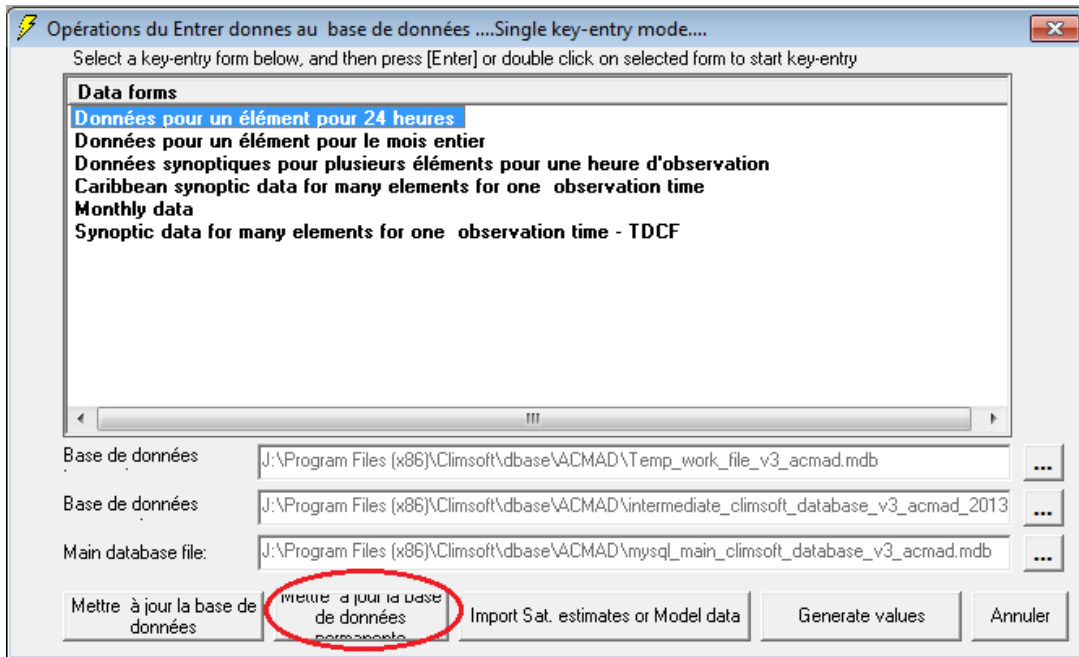
Step 15: Check the boxes for all stations and all, elements, specify begin year, end year, begin month, end month, and click OK.
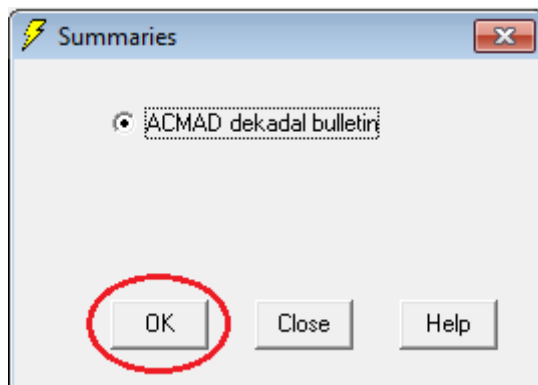
Step 16: Go back to Welcome Screen and click on Products button

STEP 17: Click on Summaries

Step 18: Dekadal bulletin is the only summaries products available and id selected by default. Click OK.

Step 19: Specify the parameters for the dekad you require i.e. year, month and dekad

Step 20: View the bulletin data automatically displayed in Excel. You can rename the file to give an appropriate name for the dekad e.g. **acmad_dekadal_bulletin_201209_dek1.xls**

	A	B	C	D	E	F
1	station_nam	precip	rainy_days	tmin	tmax	
2	Alger (Dar El	29.5	4	19.2	29.1	
3	Tunis	17.8	2	22.1	31.0	
4	Tripoli	5.4	2	23.8	36.2	
5	Le Caire	0	0	22.9	33.0	
6	Casablanca	100.1	1	20.9	26.4	
7	Tamanrasset	13.5	3	21.3	34.1	
8	Nouakchott	44.9	5	24.6	32.6	
9	Dakar-Yoff	139.6	7	24.4	30.4	
10	Tombouctou		0			
11	Banjul	123.1	7	22.3	30.8	
12	Bamako	43.8	7	21.7	31.5	
13	Ouagadougo	48.9	4	22.5	32.1	
14	Bobo Dioula:	29.8	7	21.6	30.1	
15	Bilma	0.5	1	23.2	41.3	
16	Agadez	2.5	2	25.9	38.5	
17	Niamey	7.1	3	24.3	33.2	
18	Zinder	35.6	4	22.9	34.1	
19	N'Djamena	50.8	4	21.8	32.7	
20	Abidjan	23.1	3	23.4	27.7	
21	Accra	7.4	2	23.7	28.6	
22	Lome	0	0	24.3	28.8	
23	Cotonou	4.8	4	24.3	29.3	
24	Abuja	21.5	4	21.6	29.1	

qry_acmad_dekadal_bulletin