

This presentation showed by Wissam Abdallah Lebanon participant in the WMO work shop on climate monitoring including the implementation of climate watch system in West Asis Helled on 27 to 29 May 2013.

This presentation shows a demo for the information system that be used to collect, organize, treat and analyze the climate elements stations in Lebanon.

- 1) The purpose of this form is:
Create, modify the climate elements stations

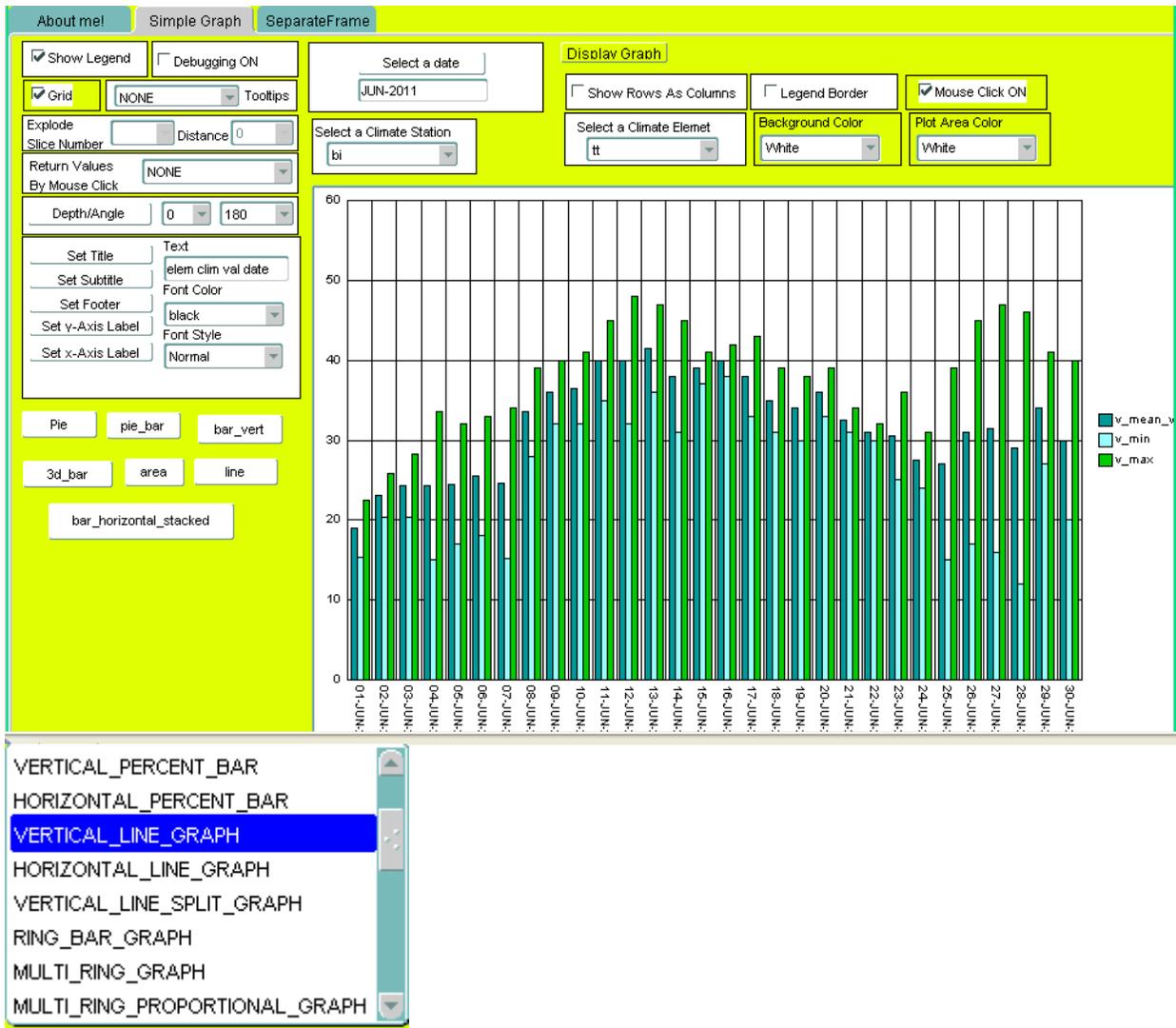
The screenshot displays an Oracle Forms application window titled "Oracle9iAS Forms Services - WebUtil - Microsoft Internet Explorer". The browser address bar shows a URL: http://wissam-773df302:8888/forms90/f90servlet?config=webutil&form=C:\Dev9\forms90\My_Projects\Meteo\Gclim_F1_Station_elemclim.fmx&userid=METEO\METEO@dbrc&buffer_records=NO&debug_messages=NO&array=YES&...

The form is divided into three main sections:

- Department:** Includes a "Select Department" dropdown menu with "climatologie" selected, and input fields for "Department" (201), "Name" (climatologie), and "Manager" (20).
- Climate Station:** Includes input fields for "Code" (bi), "Name" (beirut aeroport), and "Location" (aeroport).
- Climate Elements:** A table listing climate elements with columns for Department, Station, Code, and Name.

Department	Station	Code	Name
201	bi	tt	temperature
201	bi	ps	pressure
201	bi	dd	wind direction
201	bi	ff	wind speed
201	bi	ps	pressure

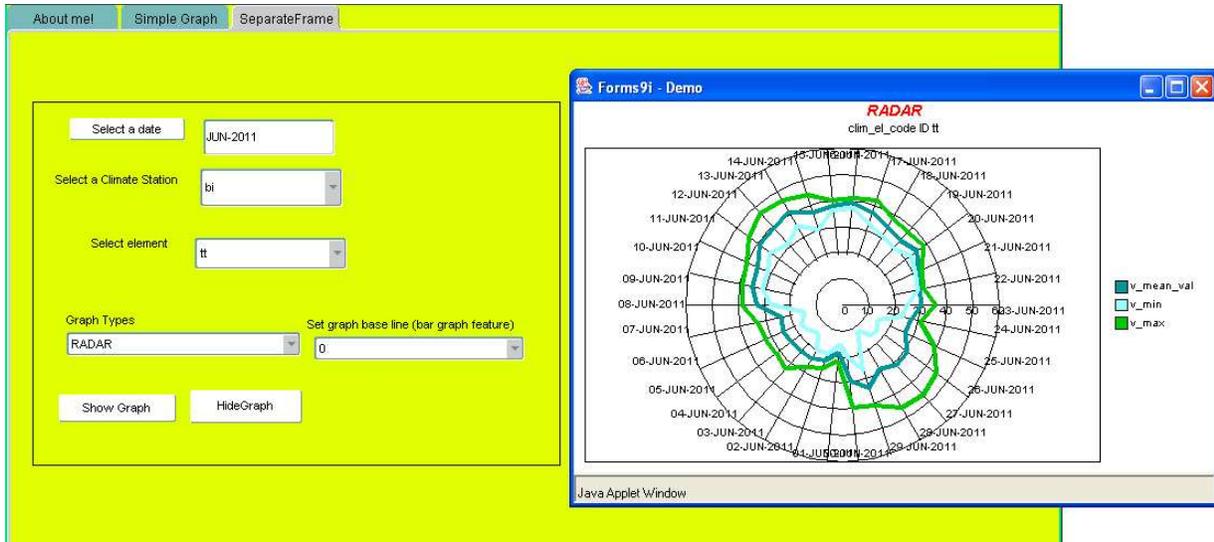
- 3) The purpose of this form is:
 Displays the variation of the temperature (min, max , mean)graph related to Beirut climate station in jun/2011
 You can choose any date, station, climate elements graphs as well.



The purpose of this form is:

Displays the variation of the temperature (min, max , mean)graph related to Beirut climate station in jun/2011 in another graph

You can choose any date, station, climate elements graphs as well.



4) The purpose of this form is:

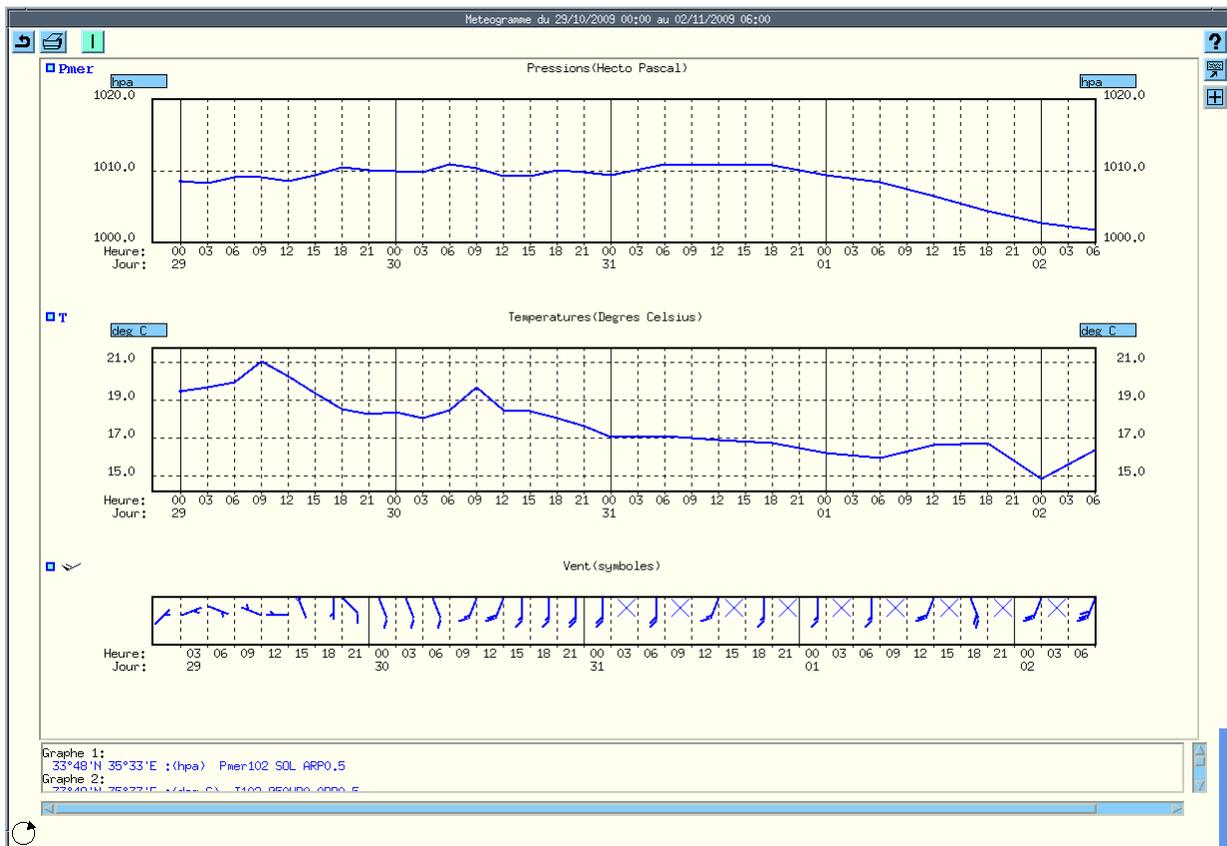
Displays and save the prevision or the weather bulletin as well all, related maps or movies(combine many meteorological elements together temperature, humidity, pressure etc.. and display them to 3 or for days to come) thus can give us the opportunity to go back to any days in any year and see the weather maps and situation and male correction in cases of happened errors.

The screenshot shows a web browser window with the following elements:

- Search Bar:** A green header area containing a dropdown menu with "01-AUG-11" and a yellow "Search" button.
- Form Section:** A yellow area with a "Load and Edit documents" tab and a "CheckSpell" button. It contains a section titled "Upload a local file into the database" with a "Select Weather Situation" button, and input fields for "department" (801), "Weather Id" (3), "Weather Description" (clear pluvieux orageu), and "Date Prediction" (01-AUG-11). There is also a "Select a local file..." button and a "Store local doc to database" button.
- Table Section:** A section titled "List of stored files" containing a table with the following data:

Movie ID	Name Movie	Weather Id	Date Prevision	Edit and save	Delete
15	wissat2.gif	3	01-AUG-2011	Edit and save	Delete
12	2_sat2.wmv	3	01-AUG-2011	Edit and save	Delete
16	wissptv_gr.gif	3	01-AUG-2011	Edit and save	Delete
13	1_jet.wmv	3	01-AUG-2011	Edit and save	Delete

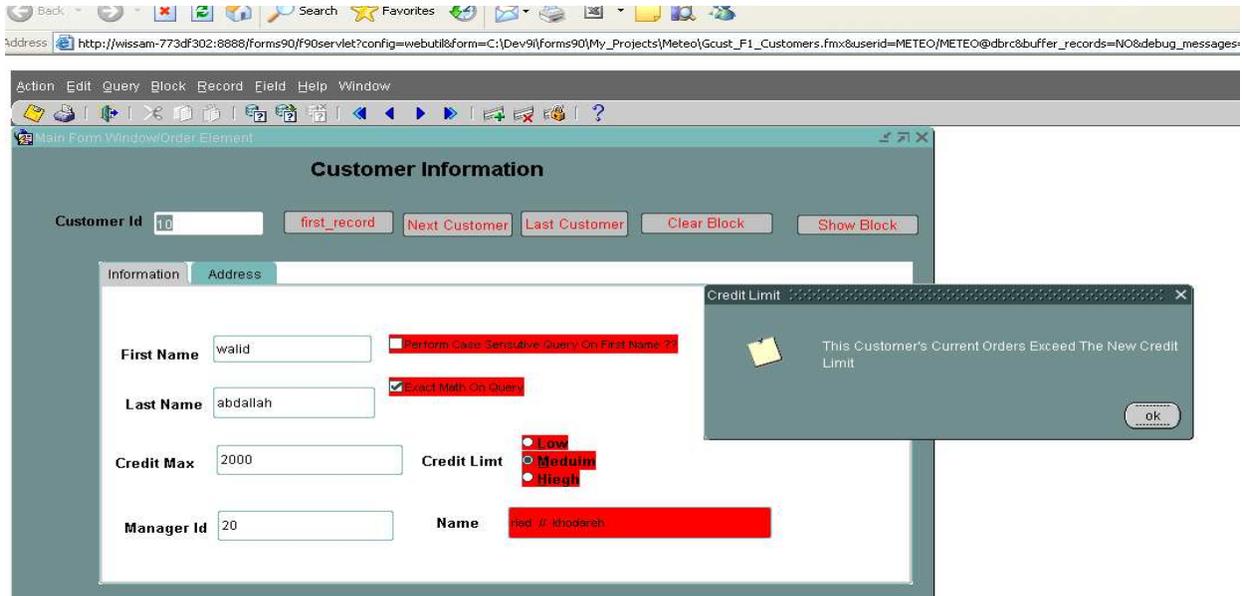
For example if you click on 2 sat2 mw and click on the button **edit and save** you will see an instance of maps related to the weather situation in a given date.



5) The purpose of this form is:

Organize the relation between Lebanon Met service and its participants, clients, ...
 For example we have here a client called walid who request an order that contains a climate data.

This order's cost exceeds the credit that walid has. So we can see here this alert message which tell us.



3) The purpose of this form is:

What are the informations which may include in the client order??

We can see here that we have client called ziad who deal with the climate manager wi2am and ask for the following information

Humidity form 01- jun-2017 to 01-jun2018

Temperature form 01- jun-2017 to 01-jun2018

Etc.....

Hint: we can see also that the price of this order is 4 200 00 if this price exceed the Maximum credit for ziad a warning message will be loaded as we have seen above.

