

Data rescue task team call

18Z (20CEST, 19 BST, 14 EDT) Tuesday October 14th

Present on call: Peter Thorne, Manola , Jay Lawrimore, Hermann Machel

Apologies in advance: Juerg Luterbacher, Jared Rennie

New actions accrued

ACTION: Jay to check whether anyone at NCDC can help Jared with Israeli Met Service website which is in Hebrew

ACTION: Jay to discuss with Frank Kaspar his possible NCDC visit.

ACTION: Jay to notify of NCDC basement archives inventory when made publicly available.

ACTION: Hermann to make sure DWD deliver any data they can from their data rescue activity to Jared by end of February.

1. Review of action items arising from last call

ACTION: Jared provide to Manola Mexican manifest in stage 2 + stage 3 to ensure against redundant efforts.

This has been provided and sent to Manola

Manola sent the info to the Mexican NMS, whom has circulated it among the people involved in the DARE activity

No update since sending the initial response.

ACTION: Jay to ensure databank working group to discuss IMMA on their next call. A good candidate for the ISTI discussion would be Scott Woodruff. Scott was on the ad hoc ACRE group on this.

Scott and Gil Compo will conduct a pilot of putting land data into IMMA format.

Possibly Canadian data, and non-marine ACRE spreadsheets such as the Salween expedition (river bank observations).

REVISED ACTION: Jared will follow up with Rob this week and update on pull through of ACRE facilitated data to the databank.

This data has been sent to Jared via Juerg. The stations are currently in the queue to be added into the databank.

REVISED ACTION: Jared to discuss with Jay his partaking in Rob Allan's master data rescue directory activity on behalf of ISTI/ NCDC.

From Rob Allan: What has happened, is that ACRE's Portuguese colleague, Antonia Valente, has been 'charged' by Dick Dee from ECMWF to try and start doing something along these lines under the EU FP7 ERA-CLIM2 project. We didn't get any real traction with ACRE people, so this is the way I have left it. If Jay wants to contact Antonia about this, then that's fine.

Jay to discuss with Jared.

ACTION: Manola will put Peter in contact w/UERRA PI to further discuss potential synergies regarding rescues of holdings at NCDC.

Done.

2. Review of progress with the Initiative and the databank

2.1 Overall initiative - Peter

Several talks have been given at relevant meetings. Most recently EMS last week.

We held a meeting jointly with SAMSI and IMAGE at NCAR to explore the problems of dataset homogenization. The meeting was well attended.

The benchmarking concepts paper has been published and is highlighted on the blog.

2.2 databank - Jay / Jared

Version 1 of the Databank was released in June 2014 and since then there have been monthly updates. These updates include data that are updated in near real time, including GHCN-D and global CLIMAT data. Data is posted on FTP no later than the 11th of each month, and previous data is placed in the Databank archive.

In addition we are working on updating many new sources to be incorporated in the next major update of the Databank. Converting to Stage 2 has been slow going because of priorities, but should pick up in the next few weeks. The cutoff date for new data is Feb 28th, 2015, and the process for a re-merge will occur after that.

The following are sources that are either in the queue to be added, or have already been added:

- 300 UK Stations from the Met Office (Thanks to Christine Duffy)
- German data released by DWD (Thanks to Frank Kaspar, 1048 stations)
- EPA's Oregon Crest to Coast Dataset (Thanks to Ron Washmann, 24 Stations)
- LCA&D: Latin American Climate Assessment and Dataset (Thanks to Albert Klein-Tank, 148 temperature stations)
- Daily Chinese Data (Thanks to Xiaolan Wang, 380 Stations Homogenized, 190 raw stations)
- NCAR Surface Libraries (Thanks to Joey Comeaux, 50+ stations)
- Stations from Meteomet project (Thanks to Peter Pavlasek, 240 stations)
- Libya Stations sent by their NMS (Thanks to Director-General AbdElfatah H. Shibani, 9 Stations)
- C3/EURO4M Stations (Thanks to Manola Brunet, 80 Stations)
- Additional Digitized Stations from the University of Giessen (Thanks to Juerg Luterbacher, 10+ Stations)
- Homogenized Iranian Data (Thanks to Fatemeh Rahimzadeh, 50 Stations)

We also have additional sources to hunt down, including

- Data archived by the USAF 14th Weather Squadron
- Arabic Climate Information from King Abdulaziz University (KAU), web based portal to open in November 2014
- Israeli Data Website (<http://data.gov.il/ims>), website is in Hebrew, and also difficult to acquire through its web portal

PT: Do we know anyone fluent in Hebrew who may be able to help on this aspect?

MB: Not really, but I was told in August 2013! by the responsible of the climatological branch they are doing their best to translate into English the website.

JL: Will check whether anyone at NCDC can help.

ACTION: Jay to check whether anyone at NCDC can help Jared with Israeli Met Service website which is in Hebrew.

PT: Discussed with Frank Kaspar last week his intention to visit NCDC. Is this all in place?

MB: Yes, he also mentioned to us.

JL: Paperwork still required.

ACTION: Jay to discuss with Frank Kaspar his possible NCDC visit.

3. Progress updates on data rescue activities from task team members - all

Peter visited NCDC in June and recovered some tapes of Norwegian data that are now with the NMS. There are many more data down there. An email was sent to try to ginny up support for exploring these more generically under existing EU funding. As yet no concrete results. NCDC have catalogued the holdings are soon to release this catalogue online. As I understand it the catalogue is fairly coarse so further investigation may still be required but this may help us to understand what data in the archive is truly unique in Asheville and a discussion as to how as a community we can convert from film / fiche / hardcopy to digitized holdings.

MB: When will the catalogue of the archive at NCDC be released?

JL: Will advise, end of month is latest estimate.

ACTION: Jay to notify of NCDC basement archives inventory when made publicly available.

WMO data rescue activities arising out of CCl quadrennial meeting?

MB: Data rescue expert team was agreed and will be instigated at the end of this month. Starting in November the real work will start. It is part of OPACE-1. Rob Allan is involved. Catalogue will be part of this.

Update of subdaily temperature, pressure and (precipitation when available) digitisation activities of Uni Giessen (incl. subcontractor Gail Kelly, brit. Met Office), Germany:

The following stations and years should be available and provided before the February 2015 deadline :

ASIAN activities, BURMA AND EXTRA INDIA; SRI LANKA STATIONS

Tavoy 1920-1932

Moulmein 1920-1932

Rangoon 1920-1932

Bassein 1920-1932

Diamond Island 1920-1932

Toungoo 1920-1932

Kyaukpyu 1920-1932

Akyab 1920-1932

Minbu 1920-1932

Yamethin 1920-1932

Mandalay 1920-1932

Monywa 1920-1932

Lashio 1920-1932

Bhamo 1920-1932

Myitkyina 1920-1932
Trincomalee 1920-1932
Colombo 1920-1932
Wellesley 1901, 1905, 1911-1915
Bukit Mertajam 1896-1897
Bukit Minyak 1886
Penang 1901
Malacca 1901
Labuan 1911-1915
Kandang 1882-1883, 1901
Calcutta 1832--1837
Madras,1822-1840; 1857--1864

AFRICAN activities (parts are already sent to the US), Gambia and Nigeria:

Bathrust (Gambia) 1911-1913
Kaduna Capital (northern Nigeria) 1911-1936 (without 1935)
Ilorin (northern Nigeria) 1907 two months
Lokoja (northern Nigeria) 1907-1915
Survey School Kano (northern Nigeria) 1921, three months
Yola (northern Nigeria) 1907-1912
Zungeru (northern Nigeria) 1907-1916
Kano (northern Nigeria) 1911-1936 (without 1935)
Victoria (northern Nigeria) 1911-1936 (without 1935)
Ibadan (northern Nigeria) 1911-1936 (without 1935)

West AUSTRALIAN activities:

Point King 1861-1895
Breaksea Island 1861-1895

EUROPEAN activities:

Valencia (Spain) 1781--1893
Vienna (Austria)
Marseille (France) ...

'Ancient' RUSSIAN activities (partly sent to the US already):

Zlatoust 1837-1880
St. Catherinenbourg 1837-1880
St. Petersburg 1837-1880
Nertchinsk 1839-1880
Tbilisi 1844-1880 (hourly data!!!)
Nikolaief 1865-1880
La Phare de Hogland 1866-1880
Moscow 1866-1880
Astrakhan 1866-1880
Kem 1867-1880

Jenisseisk (Enisseisk) 1871-1880
Bogoslowsk 1838-1848
Lougan 1838-1848

CANADA activities (partly sent to the US already)
Newfoundland St.Johns 1859-1860
St-John's NFDL station 1852-1875 (partly hourly data!!!)
NFLD Public Ledger 1845-1852 and some years in the 1860s
Quebec 1853-1870
Halifax Murrison 1828--1860

Under the UERRA project, the URV is digitising the stations below for several climate variables at the hourly scale and different periods:

Egypt:

Damietta TT, SLP 6h/8h/12h/14h/20h 1934-1957
Damanhour TT, SLP 6h/8h/12h/14h/20h 1934-1957
El Mansura TT, SLP 6h/8h/12h/14h/20h 1932-1957
Tanta TT, SLP 6h/8h/12h/14h/20h 1927-1957
Zagazig TT, SLP 6h/8h/12h/14h/20h 1913-1957
Minya TT, SLP 6h/8h/12h/14h/20h 1907-1957
Asyut-Heat airport TT, SLP 6h/8h/12h/14h/20h 1907-1957
Luxor Airport TT, SLP 6h/8h/12h/14h/20h 1936-1957
Fayoum TT, SLP 6h/8h/12h/14h/20h 1932-1957
Salloum TT 6h/8h/12h/14h/20h 1919-1957
Mersa Matruh TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1920-1957
Port Said TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1907-1957
Cairo Ezbekiya TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1909-1957
Giza (Cairo) TT 6h/8h/12h/14h/20h 1907-1957
Helwan (Cairo) TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1907-1957
Siwa TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1912-1957
Ismailia TT 6h/8h/12h/14h/20h 1948-1957
El Suez TT, RH, DP, WD, WS 6h/8h/12h/14h/20h 1907-1957

Cyprus:

Nicosia TT 9h/21h 1881-1922
Paphos TT 9h/21h 1901-1922

Morocco:

Tangier city SLP, TT, DP, WD, WS 6h/18h 1953-1968
Oujda TT, DP, WD, WS 6h/7h/18h 1910-1938/1953-1964

Algeria:

Oran SLP, TT, DP, WD, WS 6h/7h/18h 1910-1938/1953-1968
Algiers (Ville) TT, WD, WS 7h 1900-1938
Constantine TT, WD, WS 7h 1900-1938
Orleansville (Chlef) TT, WD, WS 7h 1900-1938
Setif TT, WD, WS 7h 1910-1938
Nemours (Gazaouet) TT, WD, WS 7h 1900-1938
Laghouat SLP, TT, WD, WS 7h 1900-1938

Tunisia:

Tunis SLP, TT, WD, WS 7h 1900-1938

Sfax TT, WD, WS 7h 1900-1938
Tozeur TT, WD, WS 7h 1900-1938

Slovenia:

Ljubljana-Bezigrad SLP,TT,RH,WD,WS 7h/14h/21h 1951-1984

Rep. of Serbia:

Beograd-Surcin SLP, TT,RH,WD,WS 7h/14h/21h 1949-1970/2011-12

Croatia:

Zagreb-Gric SLP,TT,RH,WD,WS 7h/14h/21h 1949-1984

Split-Marjan SLP,TT,RH,WD,WS 7h/14h/21h 1949-1984

Bosnia & Herzegovina

Sarajevo-Butmir SLP,TT,RH,WD,WS 7h/14h/21h 1949-1960/1970-84

Bjelasnica SLP,TT,RH,WD,WS 7h/14h/21h 1953-1960

Slovak Rep.:

Bratislava-Trnavaka SLP,TT,RH,WD,WS 7h/14h/21h 1948-1968

Lomnický Stit. SLP,TT,RH,WD,WS 7h/14h/21h 1940-1966

Czech Rep.:

Brno-Kvetna SLP,TT,RH,WD,WS 7h/14h/21h 1948-1968

Praha-Luzyne SLP,TT,RH,WD,WS 7h/14h/21h 1965-1966

Turkey:

Istambul-Goztepe SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Bursa SLP,TT,RH,WD,WS 7h/14h/21h 1962-1966

Erzurum SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Van SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Diyarbakir SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Rize SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Manisa SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Aydin SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Kutahya SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Kayseri SLP,TT,RH,WD,WS 7h/14h/21h 1962-1965

Anamur SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Antakya SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Islahiye SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Gaziantep SLP,TT,RH,WD,WS 7h/14h/21h 1962-1966

Siirt SLP,TT,RH,WD,WS 7h/14h/21h 1962-1971

Artvin SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Bilecik SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Cankiri SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Elazig SLP,TT,RH,WD,WS 7h/14h/21h 1963-1966

Fethiye SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Giresun SLP,TT,RH,WD,WS 7h/14h/21h 1963-1966

Igdir SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Kars SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Nigde SLP,TT,RH,WD,WS 7h/14h/21h 1963-1971

Once the data have been QC'ed and we have make sure the observations are true measurements (in one and half year time) the data will be provided to ISPD, ISTI and other relevant databanks, in addition to be used for our project :-)

60% completed thus far. New sources may be made available and be added from Germany, Slovenia and several other countries.

Data only available late 2015.

HM: Will provide scanned images to UERRA.

HM: DWD have three staff members digitizing. Will make some data available to Jared.

ACTION: Hermann to make sure DWD deliver any data they can from their data rescue activity to Jared by end of February.

4. Discussion of plans for coming year

The databank WG need to submit a progress report and a plan for the coming year. Is there anything that could / should be added arising from activities of members of this task team?

Nothing beyond the BAU items was suggested.

5. AOB

Next call will be in first quarter of 2015 following planned all hands call in January