

Return-Path: <rick.lumpkin@noaa.gov>
Received: from islay.aoml.noaa.gov (inferno.aoml.noaa.gov.
[192.111.123.247])
by mx.google.com with ESMTPS id
plsm8073741anj.13.2012.10.22.07.41.54
(version=SSLv3 cipher=OTHER);
Mon, 22 Oct 2012 07:41:55 -0700 (PDT)
Message-ID: <50855B31.10309@noaa.gov>
Date: Mon, 22 Oct 2012 10:41:53 -0400
From: "Rick.Lumpkin@noaa.gov" <rick.lumpkin@noaa.gov>
Organization: NOAA/AOML
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:10.0.8) Gecko/20121012
Thunderbird/10.0.8
MIME-Version: 1.0
To: Peter Strutton <Peter.Strutton@utas.edu.au>
CC: Roberta Hamme <rhamme@uvic.ca>, Ken Denman <denmank@uvic.ca>,
Diana Varela <dvarela@uvic.ca>,
Jay Cullen <jcullen@uvic.ca>, Andrew Weaver <weaver@uvic.ca>,
Zanna Chase <Zanna.Chase@utas.edu.au>
Subject: Re: Argo drifters and rogue iron fertilization
References: <6F6D65C6-1CAC-4389-AB5A-CE53AEDD8456@uvic.ca>
<7C1D8360-604D-46DC-BDF6-A86A26CEDAA6@utas.edu.au>
In-Reply-To: <7C1D8360-604D-46DC-BDF6-A86A26CEDAA6@utas.edu.au>
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hi Peter,

First, I see some errors in the deploy for four drifters which we'll fix ASAP - we list them as S and E, when those four should be N and W.

Next, I apologize for not previously telling you this: when the WMO number is, for example, 4600565 on our site, look for 46565 on the data server. The additional 0s are due to this drifter using an Argos-3 PMT in Argos-2 PTT mode - a technicality that you don't need to worry about when examining the data

From the GTS server at www.aoml.noaa.gov/phod/trinanes/xbt.html, I clicked-and-dragged to get the North Pacific in the mini map, selected "GTS buoys", and downloaded all data since 15 August. Note that this is delivered in a pop-up window, so if you have pop-up blocked you'll have to allow an exception. The resulting data includes 46565, 46907, 46538, etc. (the drifter fixes that were transmitted on the GTS).

Best,
Rick

On 10/21/2012 11:04 PM, Peter Strutton wrote:

> Hi Everyone
> Rick Lumpkin got back to me re how to access the data from the
> drifters that the Ocean Pearl deployed. I included the deployment info
> on the maps I made last week, see magenta circles in figure attached.

> I am still a little confused about the drifter IDs, so I haven't
> included the drifter tracks here, just the deployment location. As you
> can see, there is some high chlorophyll in the region where the ship
> spent a considerable amount of time. I will try looking at the 8-day
> data again to see if that helps but so far it has been really cloudy
> and difficult to discern much.

> Regards
> Pete

>
> Rick, can you please help me with the drifter IDs. In the data file
> the IDs in this general part of the ocean range from 21539 to 62776.
> But those numbers don't look like the IDs or WMO numbers in the
> deployment log:

```
> 109250 4600565 2012 09 08 51 03.5S 129 45.5E OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109422 4600907 2012 09 08 51 01.2S 129 18.2E OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109523 4600538 2012 09 08 51 04.7N 130 03.9W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109254 4600531 2012 09 07 51 14.9S 133 38.3E OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109392 4600534 2012 09 07 51 12.8S 132 19.2E OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109426 4600906 2012 09 06 51 12.9N 136 26.0W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114650 4600905 2012 09 05 51 36.5N 138 52.0W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109564 4600622 2012 08 29 51 54.8N 139 18.7W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109246 4600620 2012 08 22 51 21.4N 139 40.3W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109427 4600768 2012 08 20 53 05.9N 138 59.0W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114651 4600767 2012 08 18 52 17.3N 139 01.7W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114649 4600766 2012 08 17 52 34.8N 139 14.4W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109565 4600914 2012 08 16 52 50.1N 140 00.4W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114629 4600619 2012 08 15 52 39.1N 139 21.3W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114652 4600624 2012 08 15 52 39.6N 140 39.6W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 109249 4600606 2012 08 14 52 38.6N 138 15.1W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114622 4600607 2012 08 14 52 34.1N 139 07.8W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114648 4600559 2012 08 14 52 56.7N 137 11.0W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114595 4600764 2012 08 13 53 30.4N 135 08.8W OCEAN PEARL
> !Clearwater SVPBD2 5325
> 114627 4600517 2012 08 13 53 14.1N 136 09.9W OCEAN PEARL
```

> !Clearwater SVPBD2 5325
>
> ...am I missing something?
> Thanks
> Pete
>
>
> On 19/10/2012, at 9:41 AM, Roberta Hamme <rhamme@uvic.ca
> <mailto:rhamme@uvic.ca>> wrote:
>
>> Hi folks,
>>
>> Just talked to someone at NOAA about the Argo drifters deployed as
>> part of this project. They're drifters from AOML, not standard Argo
>> floats. You can see the group of Argo drifters deployed near Haida
>> Gwai in these figures. Most fo them are quite a lot farther offshore
>> than I supposed they would be. As won't surprise you, AOML was not
>> fully informed about the purpose of this project. They frequently
>> work with citizen groups to deploy drifters in areas where they do
>> not have enough coverage. I believe they would rather strenuously
>> object to being called collaborators in this "experiment".
>>
>> cheers, Roberta
>>
>> <png_aug12.gif>
>> <aug12_globpop.gif>
>> <tnp_aug12.gif>
>> --
>> Roberta Hamme - (250) 472-4014
>> rhamme@uvic.ca <mailto:rhamme@uvic.ca>, <http://web.uvic.ca/~rhamme/>
>>
>>
>>
>
> --
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