



# Australian Government

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## Geoscience Australia

### Australian Baseline Sea Level Monitoring Array (ABSLMA) Summary of Levelling and GPS Observations Campaigns

| Tide gauge Site | OPTICAL LEVELLING OBSERVATIONS   |                               | GPS CAMPAIGNS                  |  |
|-----------------|--|-------------------------------|--------------------------------|--|
|                 | Tide gauge to Coastal Array  | Coastal Array to Inland Array | Coastal Array to Inland Array  | Inland Array to Fiducial Net                                   |
| Broome          | Aug 92 Aug 93 May 95<br>Aug 98 Aug 2001 Oct 2003<br>June 2005 Aug 2007   | Aug 92                        | Jul 92 May 95                  | Jul 92 Sep 93<br>May 95  |
| Burnie          | Oct 92 Sep 93 Jan 95<br>Apr 96\ Jul 97 Jun 98<br>Aug 98 Nov 2000 Feb 2002<br>Apr 2003 Nov 2006 Mar 2007<br>Aug 2007 Dec 2007 Jan 2008  | No Inland benchmark array     |                                | Aug 93   |
| Cape Ferguson   | Apr 94 Jun 95 Aug 98<br>Aug 2000 Nov 2001 Oct 2002<br>2005   | Apr 94                        | Dec 92 May 93<br>May 95        | May 95   |
| Cocos Island    | Aug 92 Feb 94 Mar 95<br>1998 Aug 2001 June 2004<br>Sept 2007   | No inland benchmark array     |                                | Sep 94 <sup>1</sup> 1998 <sup>1</sup><br>Aug 2001 <sup>1</sup> |
| Darwin          | May 94 Jun 95 Jul 99<br>2001 Jul 2003 Jul 2005<br>2007   | Jan 92                        | Jul 92 May 95                  | Jul 92 May 95  |
| Esperance       | Jun 92 Sep 93 May 95<br>Jun 98 Nov 2001 Jun 2003<br>Sept 2005 Oct 2007   | No inland benchmark array     |                                | Jul 92 Sep 93<br>May 95  |
| Groote Eylandt  | Jun 93 May 95 Mar 97<br>Jun 99 Nov 2001 Jul 2003<br>May 2005 2007  | Jun 93                        | Sep 93 Nov 95<br>Mar 97 2001   | Sep 93 Nov 95<br>Mar 97  |
| Hillarys        | Mar 92 May 93 Jun 95<br>Jul 98 Nov 98 Jul 2001<br>Sep 2003 Nov 2005 Nov 2007   | Mar 92 Jun 95                 | Jan 92 May 95                  | Jul 92 May 95  |
| Lorne           | Jun 93 Dec 94 Mar 95<br>Apr 96 Feb 98 Aug 98<br>Nov 2000 Nov 2002 Feb 2005<br>Mar 2005 Aug 2007  | Jun 93<br>May 96              | May 93 Dec 94<br>May 95        | Jul 92 May 95  |
| Port Kembla     | Jun 92 Sep 93 Jun 95<br>Jul 98 Jun 99 2001<br>2003 2005  | Jun 92 Jun 95                 | Jan 92 Jul 92<br>Sep 93 May 95 | Jan 92 Jul 92<br>May 95  |
| Port Stanvac    | Dec 90 Jul 91 Jul 92<br>Nov 93 Jul 94 Sep 95<br>Jan 96 Feb 98 Oct 2001<br>July 2004  | Sep 90                        | Jul 93 Oct 93<br>May 95        | Jul 92 Aug 93<br>Mar 95 May 95                                 |
| Portland        | Nov 91 Nov 93 Oct 94<br>May 95 Feb 98 Aug 98<br>Nov 2000 Nov 2002 Mar 2005<br>Dec 2006   | Nov 91<br>Jan 96              | May 93 Dec 94<br>May 95        | Jul 92 Jul 94<br>May 95  |
| Rosslyn Bay     | May 94 Nov 95 Aug 98<br>Dec 2001   | May 94                        | Jun 93 May 95<br>Nov 95        | Jul 92 May 95<br>Nov 95  |
| Spring Bay      | Apr 91 May 91 Feb 92<br>Aug 92 Jan 93 Feb 94<br>Jun 95 Aug 95 Jun 96<br>Sep 96 Jun 97 Jun 98<br>Dec 2000 Jan 2002 Apr 2003<br>Nov 2005 |                               | May 91 Mar 95<br>May 95        | May 91 Jul 92<br>Mar 95 May 95                                 |
| Stony Point     | Jul 87 Sep 88 Feb 90<br>Feb 91 Nov 96 Feb 98<br>Aug 98 Jul 99 Nov 2000<br>Jul 2002 Feb 2005 Feb 2007                                   | No Inland benchmark array     |                                |  |
| Thevnard        | Aug 91 Mar 92 Apr 94<br>May 95 Jun 95 Jun 99<br>Sep 2002 Nov 2005  | Aug 91<br>Apr 94              | Jan 92<br>May 95               | Jan 92<br>Jul 92<br>May 95                                     |

**Notes:**

1 GPS connection is from the coastal benchmark to the ARGN - there is no inland array