

WASTAC Data Archive

The WASTAC archive of NOAA and SeaWiFS satellite passes, managed and maintained by the Department of Land Administration (DOLA) Satellite Remote Sensing Services (SRSS) group, is held at the Leeuwin Centre in Floreat, W.A.

DOLA actively manages the daily archive and management systems which have been installed to ensure rapid and reliable delivery of WASTAC satellite data for research and wider community use.

WASTAC is continuing to supply NOAA passes as part of the Australian contribution of data to the global one kilometre data set which is being administered for CSIRO by COSSA.

The WASTAC duplicate set of NOAA passes which commenced in March 1994, continues to be stored at the Earth Observation Centre at Gungahlin, Canberra, and is specifically for research use by CSIRO and collaborative partners. The global one kilometre data set dates back to April 1992.

A total of 5090 NOAA passes were recorded for 1999 on 108 4mm tapes comprising 323 gigabytes of information. Passes comprised data from the NOAA 12, NOAA 14 and NOAA 15 satellites.

Copying of the WASTAC CCT archive of early NOAA passes has been completed with the exception of a few unreadable or damaged tapes. As of 22 May 1997, all 2562 passes had been copied from the original WASTAC CCT archive, which commenced 9 September 1987 and finished 25 May 1991. The CCT archive of 1282 tapes was copied to 44 8mm data tapes.

The archiving of SeaWiFS data onto 4mm data tapes commenced on 31 October 1997. During 1999, 822 SeaWiFS passes had been archived to twelve 4mm data tapes.

At the beginning of 1997 a near real time digital quick-look archive of NOAA-AVHRR data was developed by SRSS -DOLA for the World Wide Web. Currently the digital archive holds data going back to 1983.

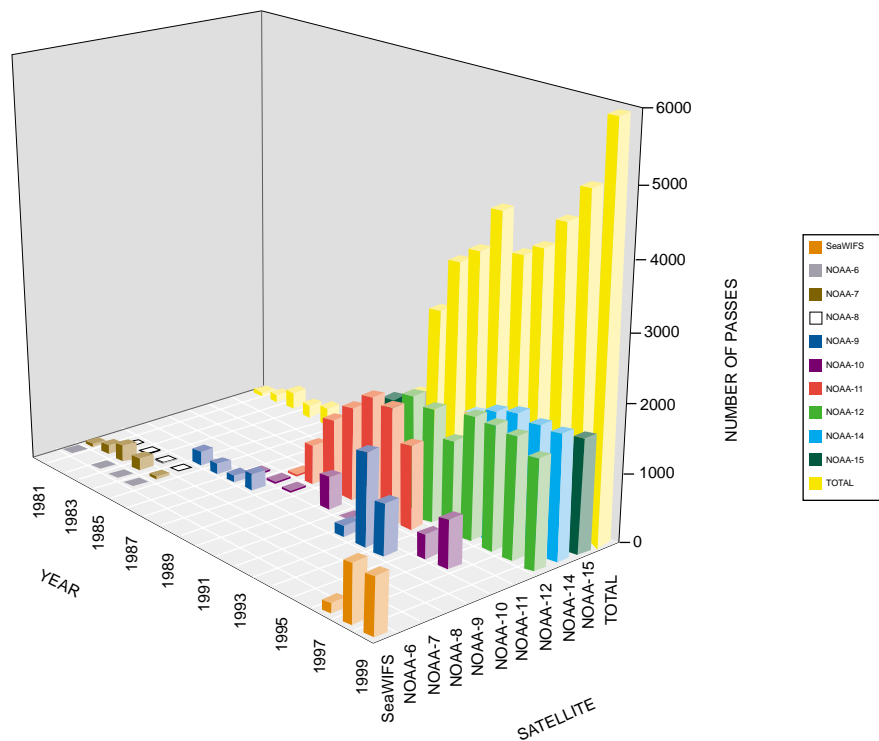
After the launch of the SeaStar satellite in October 1997 an archive was developed for the SeaWiFS quicklook data. As of 10 February 1998 the SeaWiFS data has been encrypted. These two archives can be found at "<http://www.rss.dola.wa.gov.au/noaaql/NOAAql.html>" and "<http://www.rss.dola.wa.gov.au/seawifsql/SeaWiFSql.html>".

TOTAL NUMBER OF SATELLITE PASSES HELD IN WASTAC ARCHIVE AT THE LEEUWIN CENTRE

	NOAA 6	NOAA 7	NOAA 8	NOAA 9	NOAA 10	NOAA 11	NOAA 12	NOAA 14	NOAA15	SeaWiFS	Total
1981	5	22									27
1982		115	1								116
1983	12	244	12								268
1984	7	179	4								190
1985	7	33	4	212							256
1986				151							151
1987				97	18						115
1988				280	25	53					358
1989					21	601					622
1990						1103					1103
1991					506	1399	575				2480
1992					47	1693	1571				3311
1993				183		1656	1720				3559
1994				1362		1227	1641				4230
1995				770			1326	1615			3711
1996					354		1780	1776			3910
1997					694		1797	1876		142	4509
1998							1763	1828	432	859	4882
1999							1589	1839	1663	822	5912
TOTAL:	31	593	21	3055	1665	7732	13762	8934	2095	1823	39710

Held as: 57 Curtin archive 8mm tapes 1282 WASTAC archive 6250 bpi tapes (copied to 44 8mm tapes)
 835 WASTAC archive 8mm tapes 377 WASTAC archive 4mm tapes

WASTAC NOAA/AVHRR and SeaWiFS ARCHIVED DATA



1999 SATELLITE DATA ARCHIVE HELD BY WASTAC

	NOAA 12	NOAA 14	NOAA 15	SeaWiFS	TOTAL
JAN	146	158	163	70	537
FEB	127	135	143	60	465
MAR	123	142	154	74	493
APR	133	153	152	72	510
MAY	141	157	161	74	533
JUN	130	155	157	73	505
JUL	137	152	151	70	510
AUG	127	161	153	63	504
SEPT	134	152	151	68	505
OCT	133	166	111	75	485
NOV	127	148	84	64	423
DEC	131	160	83	59	433

NOAA

4mm Tapes: 5090 passes on 108 tapes
 Total data archived: 323 gigabytes

SeaWiFS

822 passes on 12 tapes
 46 gigabytes

WASTAC 1999 NOAA/AVHRR and SeaWiFS ARCHIVED PASSES

