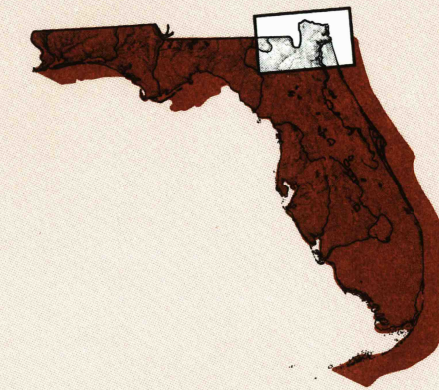


Jacksonville

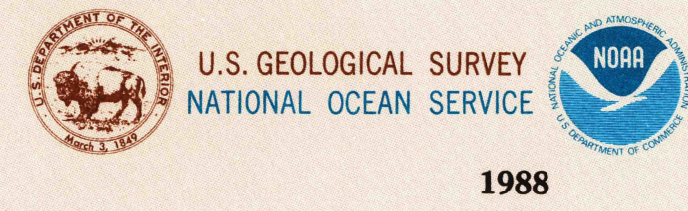
FLORIDA-GEORGIA

1:250 000-scale metric
topographic-bathymetric map



1 X 2 DEGREE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Wetland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey and the National Ocean Service
Compiled from 1:100 000-scale maps dated 1980 and 1981
Planimetry revised from aerial photographs taken 1983-84 and other sources
Revised information not field checked. Superimposed map dated 1957
Map dated 1988
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean lower low water (dotted) line and mean high water (solid) line compiled by NOS from tide-coordinated aerial photographs
Offshore protection survey data shown in red compiled by the Minerals Management Service. Heavy lines indicate limits of MMS Outer Continental Shelf Official Protection Diagrams dated April 29, 1975 and September 1, 1978. The protections on this map are not for Federal leasing purposes; for such purposes, refer to OCS Official Protection Diagram available from the Minerals Management Service
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator 100 000-foot grid ticks based on Florida coordinate system, east zone, and Georgia coordinate system, east zone. 1927 North American Datum
To place on the predicted North American Datum 1983, move the projection line 22 meters south and 18 meters west
Location of geodetic control established by government agencies shown on corresponding 1:250 000-scale Geodetic Control Diagram
There may be private inholdings within the boundaries of the National or State reservations shown on this map
1988 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 3° (3 MILES) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4° 00' (MILES) WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 4.3' WESTERLY

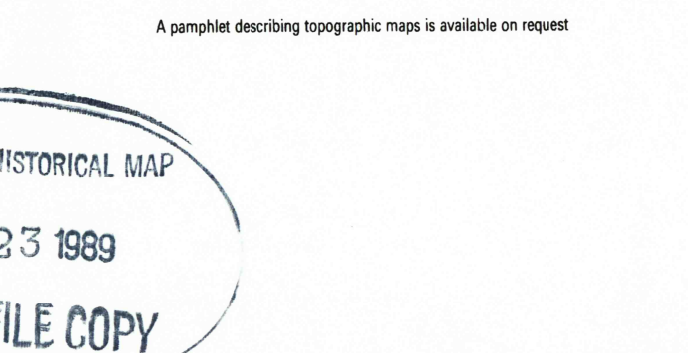
CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO THE 200 METER DEPTH, SUPPLEMENTED BY 2 METER INTERVALS; 10 METERS TO MAXIMUM DEPTH, SUPPLEMENTED BY 10 METER INTERVALS
DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
BASE MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLETES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION NO. 13, ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE			ADJOINING MAPS		
Meters	Feet	Meters	1	2	3
1	3.2808	1			
2	6.5617	2			
3	9.8425	3			
4	13.1234	4			
5	16.4042	5			
6	19.6850	6			
7	22.9659	7			
8	26.2467	8			
9	29.5275	9			
10	32.8084	10			
To convert meters to feet multiply by 3.2808			1 Waycross 2 Brunswick 3 Fort Miller 4 Valdosta 5 Newton 6 Gainesville 7 Daytona Beach 8 Miami		

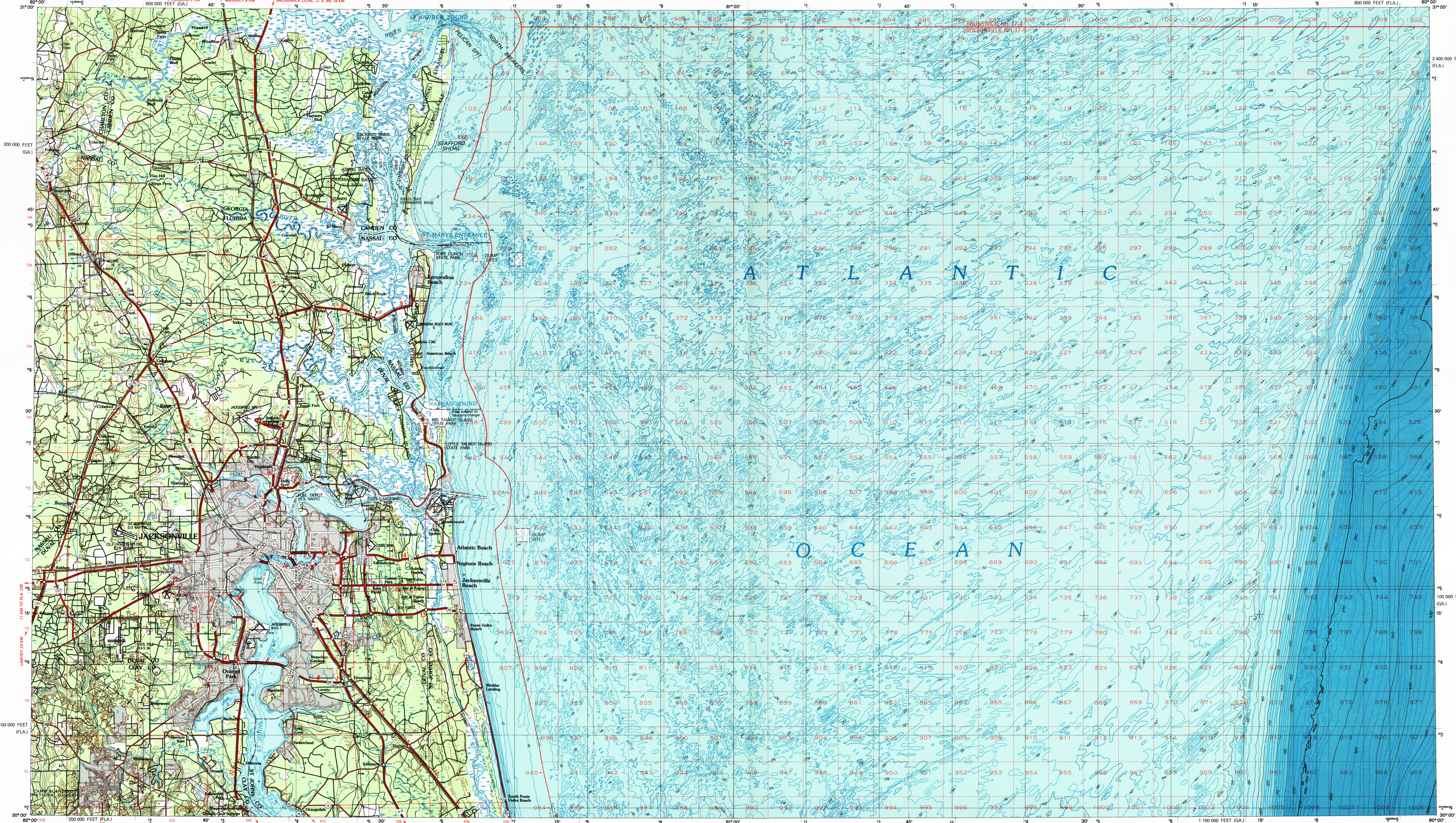
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
BATHYMETRIC MAPS FOR SALE BY NOS ONLY

Topographic Map Symbols

- Figures in red denote approximate distances in kilometers between markers
- Dual highway, interchange
 - Primary highway, hard surface
 - Secondary highway, hard surface
 - Light duty road, hard or improved surface
 - Other road, trail
 - Route marker, interstate: U. S. State
 - Bridge, overpass, underpass
 - Tunnel, road, railroad
 - Railroad: standard gauge; single, multiple track
 - Railroad: narrow gauge; single, multiple track
 - Airport, runway pattern known; unknown
 - Build-up area, locality, elevation
 - National boundary
 - State boundary
 - County boundary
 - National or State reservation boundary
 - Land grant boundary
 - U. S. public lands survey: range, township (surveyed)
 - U. S. public lands survey: range, township (protected)
 - Powerline, pipeline, aboveground, underground
 - Dam, lock, barrier, levee, dike, building
 - Well, water, other: spring, tank
 - Cave, mine, quarry, oil platform
 - Landmark area, landmark, rockstack
 - Disturbed surface: dry mine, lava, sand, sand
 - Contours, index, intermediate, supplementary
 - Bathymetric contours, index, primary
 - Bathymetric contours, index, intermediate, supplementary
 - Stream, lake, perennial, intermittent
 - Rapids, large and small; falls, large and small
 - Land subject to controlled inundation: marsh, swamp
 - Woodland: orchard, vineyard



1 X 2 DEGREE SERIES (TOPOGRAPHIC-BATHYMETRIC)



JACKSONVILLE, FLORIDA-GEORGIA
30080-A1-TB-250
1988

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	LINE SPACING (NAUT. MILES)	SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	LINE SPACING (NAUT. MILES)
H-3770	1915	1:80,000	20-12	H-8107	1964-65	1:10,000	01-15
H-4373	1924	1:20,000	28-31	H-8108	1965-66	1:10,000	02-13
H-4448	1924	1:20,000	05-25	H-8109	1965-66	1:10,000	02-13
H-4444	1924	1:20,000	05-25	H-8110	1965-66	1:10,000	05-20
H-4449	1924	1:20,000	05-25	H-8111	1965-66	1:10,000	02-13
H-4450	1924	1:20,000	05-25	H-8112	1965-66	1:10,000	02-13
H-4451	1924	1:20,000	05-25	H-8113	1965-66	1:10,000	02-13
H-4452	1924	1:20,000	05-25	H-8114	1965-66	1:10,000	02-13
H-4453	1924	1:20,000	05-25	H-8115	1965-66	1:10,000	02-13
H-4454	1924	1:20,000	05-25	H-8116	1965-66	1:10,000	02-13
H-4455	1924	1:20,000	05-25	H-8117	1965-66	1:10,000	02-13
H-4456	1924	1:20,000	05-25	H-8118	1965-66	1:10,000	02-13
H-4457	1924	1:20,000	05-25	H-8119	1965-66	1:10,000	02-13
H-4458	1924	1:20,000	05-25	H-8120	1965-66	1:10,000	02-13
H-4459	1924	1:20,000	05-25	H-8121	1965-66	1:10,000	02-13
H-4460	1924	1:20,000	05-25	H-8122	1965-66	1:10,000	02-13
H-4461	1924	1:20,000	05-25	H-8123	1965-66	1:10,000	02-13
H-4462	1924	1:20,000	05-25	H-8124	1965-66	1:10,000	02-13
H-4463	1924	1:20,000	05-25	H-8125	1965-66	1:10,000	02-13
H-4464	1924	1:20,000	05-25	H-8126	1965-66	1:10,000	02-13
H-4465	1924	1:20,000	05-25	H-8127	1965-66	1:10,000	02-13
H-4466	1924	1:20,000	05-25	H-8128	1965-66	1:10,000	02-13
H-4467	1924	1:20,000	05-25	H-8129	1965-66	1:10,000	02-13
H-4468	1924	1:20,000	05-25	H-8130	1965-66	1:10,000	02-13
H-4469	1924	1:20,000	05-25	H-8131	1965-66	1:10,000	02-13
H-4470	1924	1:20,000	05-25	H-8132	1965-66	1:10,000	02-13
H-4471	1924	1:20,000	05-25	H-8133	1965-66	1:10,000	02-13
H-4472	1924	1:20,000	05-25	H-8134	1965-66	1:10,000	02-13
H-4473	1924	1:20,000	05-25	H-8135	1965-66	1:10,000	02-13
H-4474	1924	1:20,000	05-25	H-8136	1965-66	1:10,000	02-13
H-4475	1924	1:20,000	05-25	H-8137	1965-66	1:10,000	02-13
H-4476	1924	1:20,000	05-25	H-8138	1965-66	1:10,000	02-13
H-4477	1924	1:20,000	05-25	H-8139	1965-66	1:10,000	02-13
H-4478	1924	1:20,000	05-25	H-8140	1965-66	1:10,000	02-13
H-4479	1924	1:20,000	05-25	H-8141	1965-66	1:10,000	02-13
H-4480	1924	1:20,000	05-25	H-8142	1965-66	1:10,000	02-13
H-4481	1924	1:20,000	05-25	H-8143	1965-66	1:10,000	02-13
H-4482	1924	1:20,000	05-25	H-8144	1965-66	1:10,000	02-13
H-4483	1924	1:20,000	05-25	H-8145	1965-66	1:10,000	02-13
H-4484	1924	1:20,000	05-25	H-8146	1965-66	1:10,000	02-13
H-4485	1924	1:20,000	05-25	H-8147	1965-66	1:10,000	02-13
H-4486	1924	1:20,000	05-25	H-8148	1965-66	1:10,000	02-13
H-4487	1924	1:20,000	05-25	H-8149	1965-66	1:10,000	02-13
H-4488	1924	1:20,000	05-25	H-8150	1965-66	1:10,000	02-13
H-4489	1924	1:20,000	05-25	H-8151	1965-66	1:10,000	02-13
H-4490	1924	1:20,000	05-25	H-8152	1965-66	1:10,000	02-13
H-4491	1924	1:20,000	05-25	H-8153	1965-66	1:10,000	02-13
H-4492	1924	1:20,000	05-25	H-8154	1965-66	1:10,000	02-13
H-4493	1924	1:20,000	05-25	H-8155	1965-66	1:10,000	02-13
H-4494	1924	1:20,000	05-25	H-8156	1965-66	1:10,000	02-13
H-4495	1924	1:20,000	05-25	H-8157	1965-66	1:10,000	02-13
H-4496	1924	1:20,000	05-25	H-8158	1965-66	1:10,000	02-13
H-4497	1924	1:20,000	05-25	H-8159	1965-66	1:10,000	02-13
H-4498	1924	1:20,000	05-25	H-8160	1965-66	1:10,000	02-13
H-4499	1924	1:20,000	05-25	H-8161	1965-66	1:10,000	02-13
H-4500	1924	1:20,000	05-25	H-8162	1965-66	1:10,000	02-13
H-4501	1924	1:20,000	05-25	H-8163	1965-66	1:10,000	02-13
H-4502	1924	1:20,000	05-25	H-8164	1965-66	1:10,000	02-13
H-4503	1924	1:20,000	05-25	H-8165	1965-66	1:10,000	02-13
H-4504	1924	1:20,000	05-25	H-8166	1965-66	1:10,000	02-13
H-4505	1924	1:20,000	05-25	H-8167	1965-66	1:10,000	02-13
H-4506	1924	1:20,000	05-25	H-8168	1965-66	1:10,000	02-13
H-4507	1924	1:20,000	05-25	H-8169	1965-66	1:10,000	02-13
H-4508	1924	1:20,000	05-25	H-8170	1965-66	1:10,000	02-13
H-4509	1924	1:20,000	05-25	H-8171	1965-66	1:10,000	02-13
H-4510	1924	1:20,000	05-25	H-8172	1965-66	1:10,000	02-13
H-4511	1924	1:20,000	05-25	H-8173	1965-66	1:10,000	02-13
H-4512	1924	1:20,000	05-25	H-8174	1965-66	1:10,000	02-13
H-4513	1924	1:20,000	05-25	H-8175	1965-66	1:10,000	02-13
H-4514	1924	1:20,000	05-25	H-8176	1965-66	1:10,000	02-13
H-4515	1924	1:20,000	05-25	H-8177	1965-66	1:10,000	02-13
H-4516	1924	1:20,000	05-25	H-8178	1965-66	1:10,000	02-13
H-4517	1924	1:20,000	05-25	H-8179	1965-66	1:10,000	02-13
H-4518	1924	1:20,000	05-25	H-8180	1965-66	1:10,000	02-13
H-4519	1924	1:20,000	05-25	H-8181	1965-66	1:10,000	02-13
H-4520	1924	1:20,000	05-25	H-8182	1965-66	1:10,000	02-13
H-4521	1924	1:20,000	05-25	H-8183	1965-66	1:10,000	02-13
H-4522	1924	1:20,000	05-25	H-8184	1965-66	1:10,000	02-13
H-4523	1924	1:20,000	05-25	H-8185	1965-66	1:10,000	02-13
H-4524	1924	1:20,000	05-25	H-8186	1965-66	1:10,000	02-13
H-4525	1924	1:20,000	05-25	H-8187	1965-66	1:10,000	02-13
H-4526	1924	1:20,000	05-25	H-8188	1965-66	1:10,000	02-13
H-4527	1924	1:20,000	05-25	H-8189	1965-66	1:10,000	02-13
H-4528	1924	1:20,000	05-25	H-8190	1965-66	1:10,000	02-13
H-4529	1924	1:20,000	05-25	H-8191	1965-66	1:10,000	02-13
H-4530	1924	1:20,000	05-25	H-8192	1965-66	1:10,000	02-13
H-4531	1924	1:20,000	05-25	H-8193	1965-66	1:10,000	02-13
H-4532	1924	1:20,000	05-25	H-8194	1965-66	1:10,000	02-13
H-4533	1924	1:20,000	05-25	H-8195	1965-66	1:10,000	02-13
H-4534	1924	1:20,000	05-25	H-8196	1965-66	1:10,000	02-13
H-4535	1924	1:20,000	05-25	H-8197	1965-66	1:10,000	02-13
H-4536	1924	1:20,000	05-25	H-8198	1965-66	1:10,000	02-13
H-4537	1924	1:20,000	05-25	H-8199	1965-66	1:10,000	02-13
H-4538	1924	1:20,000	05-25	H-8200	1965-66	1:10,000	02-13
H-4539	1924	1:20,000	05-25	H-8201	1965-66	1:10,000	02-13
H-4540	1924	1:20,000	05-25	H-8202	1965-66	1:10,000	02-13
H-4541	1924	1:20,000	05-25	H-8203	1965-66	1:10,000	02-13
H-4542	1924	1:20,000	05-25	H-8204	1965-66	1:10,000	02-13
H-4543	1924	1:20,000	05-25	H-8205	1965-66	1:10,000	02-13
H-4544	1924	1:20,000	05-25	H-8206	1965-66	1:10,000	02-13
H-4545	1924	1:20,000	05-25	H-8207	1965-66	1:10,000	02-13
H-4546	1924	1:20,000	05-25	H-8208	1965-66	1:10,000	02-13
H-4547	1924	1:20,000	05-25	H-8209	1965-66	1:10,000	02-13
H-4548	1924	1:20,000	05-25	H-8210	1965-66	1:10,000	02-13
H-4549	1924	1:20,000	05-25	H-8211	1965-66	1:10,000	02-13
H-4550	1924	1:20,000	05-25	H-8212	1965-66	1:10,000	