



タイ王国

バンコック配電網マスタープラン
調査報告書

負荷密度図

1982年8月

国際協力事業団

鉦計資
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5-1-100

国際協力事業団	
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EXPLANATION OF LOAD DENSITY MAP

This load density map shows KW in september for each mesh in the whole supplying area of MEA.

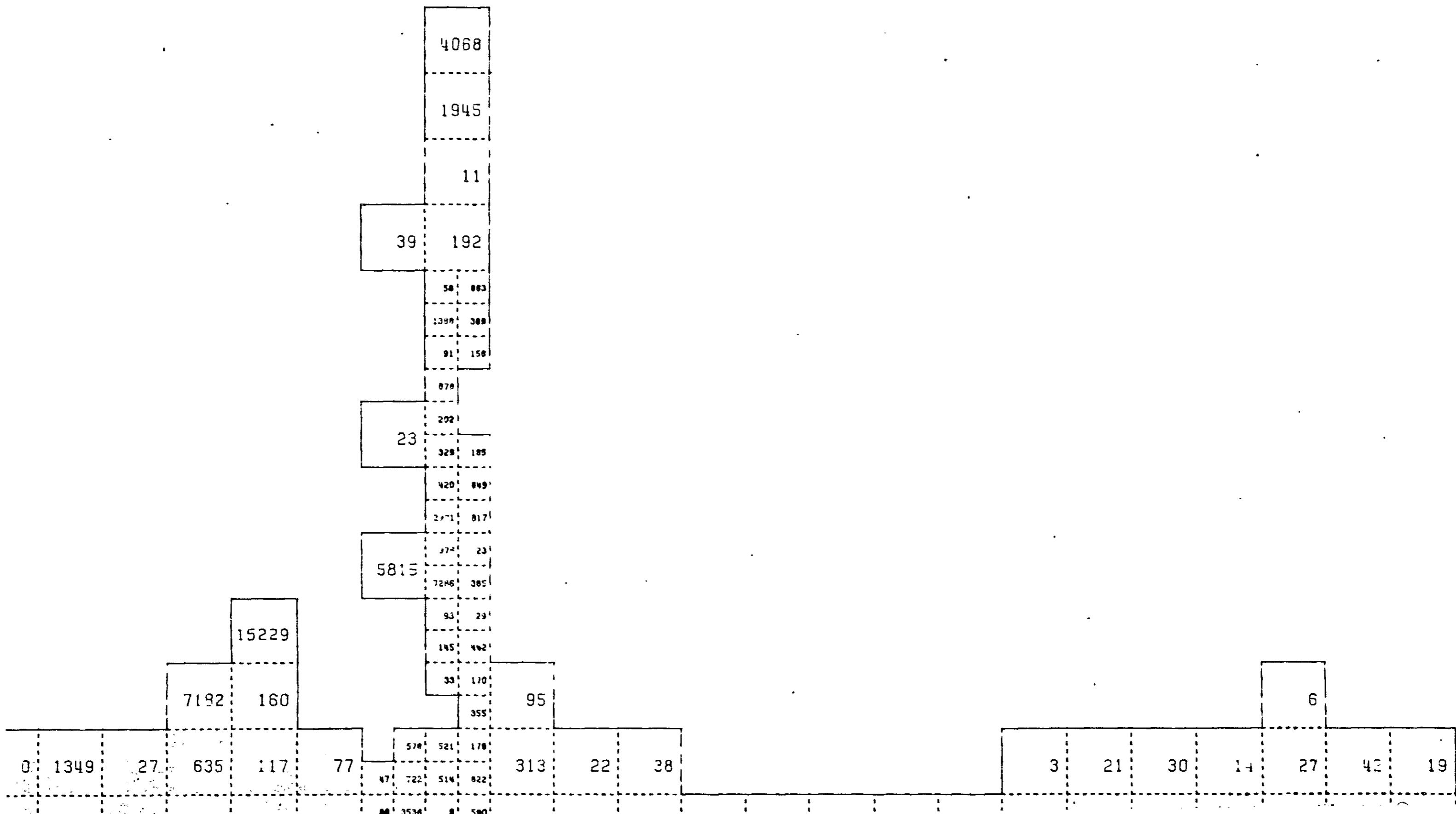
1. Squares shown by black dotted line show the following mesh area.

Large-size square	2km × 2km mesh
Medium-size square	1 km × 1km mesh
Small-size square	0.5km × 0.5km mesh
2. Figures written in each square show KW in the mesh.
3. Big sheet is the load density map for whole area of MEA, and small sheet is for 0.5km × 0.5km mesh area only.

Note: The value of load density (KW/km²) calculated by means of

- (1) Multiplying KW in the 0.5km mesh by 4
- (2) Dividing KW in the 2km mesh by 4

ITY MAP OF MEA



A

UNIT: KW

1982

3	21	30	14	27	42	19
			6			

	22	31	1	23	7	35	35	32	3	6	3													
14	7	39	4	4	4	5	59	30	3	1	4	0	1349											
23	14	10	5	49	71	38	6	41	106	46	11	27	802	149										
11	26	11	19	30	38	53	52	3	87	9	47	2521	1224	26										
	27	11	27	30	39	33	46	11	55	50		857	378	8	705									
												18	2578	725	878	157								
	16	5	32	12	50	36	66	118	531	57	5	1484	380	181	1382	188								
												34	810	87	43	875								
		20	22	25	38	25	24	37	78	71	189	18	502	358	878	918								
												40	150	798	1548	382								
		23	22	16	28	27	26	67	54	124	69	14	35	185	23	123								
												88	15	188	842	2750								
			54	32	9	28	68	65	34	44	41	25	51	188	1198	1887								
												38	37	118	553	2725								
			35	51	84	21	5	54	137	1207	835	45	487	258	428	1023	2391							
												181	84	582	1523	1288	1857	1233						
			22	54	24	14	17	23	80	221	233	37	1023	2157	3089	4033	3684							
												388	875	2151	872	8013	3235	2818						
			4	54	30	37	16	51	123	203	358	2110	3808											
												577	2284	1581										
			12	884	1533	374	74	23	103	672	887	1210	2044											
												387	1814	2987	2845	4131								
			15	13	16	1175	823				28	85	88	888	1110	1815	3882	7887	4838	4488	2588			
											778	2181	1088	38	2288	1478	1488	2088	1858	553	5888	1818	9273	23
											182	1058	1584	358	388	28	388	1073	1040	1588	3721	2018	5381	51
			13	2821	300	3085	1960				18	84	847	818	38	115	1071	5913	3297	7214	1012	857	2153	35
											28	857	151	3821	247	1081	2211	948	212	757	13035	2028	1758	17
			7	148	2567	843	72				31	533	858	1434	887	858	88	832	9143	2874	7102	1883	8	15

					3	21	30	14	27	42	19		
2	9	60	17	38	31	36	30	5	14	70	20		
9	41	108	70	63	26	5	31	12	6	54	2		
8	47	79	35	18	26	60	29	18	15	63	3		
9	44	51	77	44	43	43	63	208	350	63	66		
5	38	20	2	38	178	76	46	110	101	88	22	35	22
0	27	169	993	16		42	19	426	19	152	16	37	21
3	3169	1831	913	66	57	73	19	190	11	7	28	25	3
1	1795	119	397	25	36	39	36	13	38	23	60	15	
3	44	284	373	43	4	4	37	13	25	7	29		
7	237	25	1005	36	31	40	24	33	14	23			
7	254	301	8566	47	455	40	15	42	11	11			
5	7064	402	154	80	681	127	15	26	71				
	392	717	136	8	26	24	63	30	4	35	4		
	86	17	4	8	15	7	48	5	40	21	62		

	134	85	1001	127	15	26	71					
17	136	8	26	24	63	30	4	35	4			
17	4	8	15	7	48	5	40	21	62			
10	13	16	73	34	18	9	62	3	56	11	4	8
10	52	58	60	11	9	22	46		52	23	33	11
44	529	35	4	14	18	23	31	40	13	19	10	16
32	1103	165	2235	1856	9	42	17	13	34	23	19	
14	29	64	278	65	267	84	54	22	34	28		
11	132	24	28	64	8	530	158	60	865			
6	34	57	8	6	34	50	8	56	76			
6	46	19	36	60	77	61	8	27	8			
03	29	153	20	35	765	323	31	11				
2	58	115	14	73	29	52	14					
							8					

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LOAD DENSITY MAP OF MEA

UNIT: KW

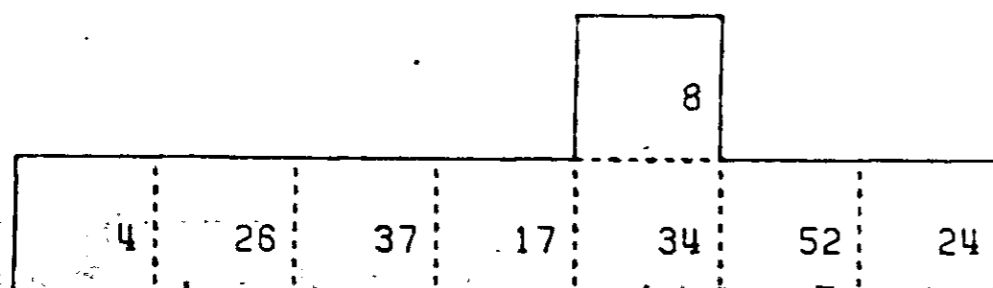
1982

	993	1944	2544	1819	1872	54	189	2943	759	1447	945	1723	1045	940	1034	32	
426	2019	4166	1366	1714	2115	2016	1134	680	1090	3797	2463	664	202	1200	1252	31	
1608	1696	3368	2832	2140	2278	1483	969	1465	1942	2449	5932	1344	248	141	271	30	
1647	2364	3068	2781	2483	4107	5545	1915	1079	1026	1430	2811	3389	747	419	3338	Mesh No. YY	
299	1320	2363	5116	4819	3014	1179	1690	2514	1201	6382	5802	4742	2639	1339	2101	29	
1455	522	1547	2232	6468	6729	1464	1524	1822	759	582	1195	1895	2505	3733	3626	28	
				1813	2621	1797	2059	2115	2117	1220	557	1935	920	548	1095	27	
				915	525	2315	1914	2553	9510	6869	2092	590	1101		49	26	
								3600	9104	7224	5752	4780	2186	2087	3751	137	
								2201	5931	1241	488	758	695	1212	1750	1124	912
																250	
31	32	33	34	35	36	37	38	39									

Mesh No. XX →

UNIT: KW

1986



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			4	26	37	17	34	52	24		
74	21	47	38	45	37	8	17	86	25		
83	86	77	32	8	38	15	8	67	3		
88	43	23	32	74	35	22	19	78	4		
63	95	54	52	54	82	277	447	83	88		
25	3	51	239	102	61	148	136	118	29	46	29
10	1246	22		56	26	573	26	205	22	50	28
31	1179	88	77	99	26	255	15	9	37	34	4
60	534	33	48	53	48	17	52	31	80	20	
82	501	58	6	6	50	18	34	10	38		
84	1353	48	42	54	32	45	19	31			
86	11524	63	613	54	20	57	15	15			
17	198	104	877	163	19	35	93				
21	174	11	33	31	81	41	6	45	6		
22	5	11	19	10	62	6	51	27	80		

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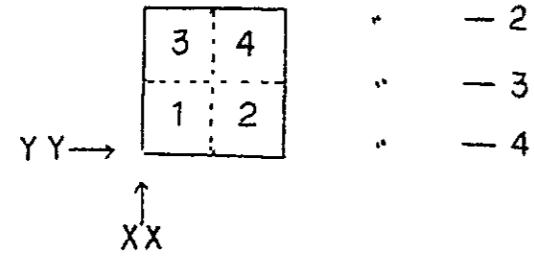
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19	4082	434	4464	2720	20	700	1100	1130	04	155	1303	502	8100	3045	1307	1181	2003	185	
10	215	3645	1214	93	20	820	100	8000	310	1300	2770	1200	200	300	1007	2043	2032	200	
					30	000	1077	1700	1000	505	87	1000	7070	3007	0052	2021	7	0335	
	188	29	77	8	44	653	86					230	1000	1020	5107	0050	12071	7030	
												100	205	350	100	1053	5103	0501	2220
	9	68	117	78	48	1095	249	131	1407						3021	577	2220	100	
															000	203	900		
		58	46	24	114	75	62	149	91						200		707	370	
															01	31			
			64	180	34	16	51	55	44	20	34								
			32	304	2	49	36	40	3	50	43								
					23	38	13	8	8	9	34								
						64	6	28	70	8	270								
					24	12	6	55	21	73	30								
					12	6	21				16								
					12	27	34	17	17	34	55								

Note

1. 0.5 X 0.5 Km² Mesh No. XXYY - 1



2. 1 X 1 Km² Mesh No. XXYY - 0

3. 2 X 2 Km² Mesh No. XXYY - 9

74	11	33	31	81	41	6	45	6				
5	11	19	10	62	6	51	27	80				
16	59	94	44	24	12	80	4	72	14	6	10	
66	75	77	14	12	28	59		66	29	42	14	
80	45	6	17	24	30	40	51	16	24	12	21	
16	211	2870	2382	12	54	21	16	44	30	24		
37	82	1463	83	343	107	69	28	44	36			
70	31	4462	82	10	680	203	77	1110				
44	74	2223	7	43	65	10	72	97				
59	24	47	77	99	79	10	35	10				
37	196	26	45	982	414	39	15					
75	147	18	94	37	66	18						
						10						

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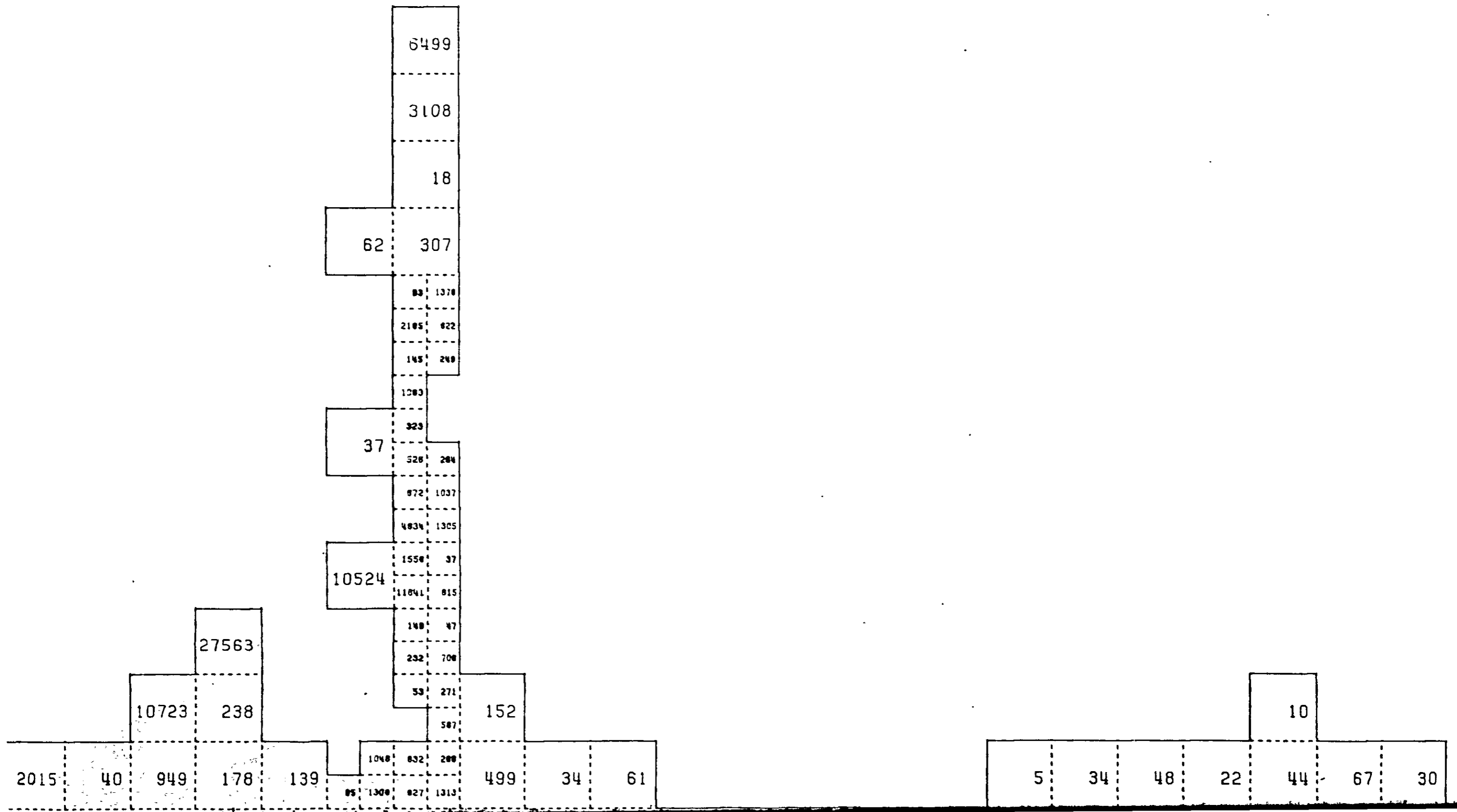
LOAD DENSITY MAP OF MEA

UNIT: KW
1986

	1228	2369	3011	2123	2078	60	214	3325	857	1635	1063	2479	1515	1363	1499	32	
526	2496	5149	1688	2029	2502	2342	1282	767	1229	4274	2772	922	294	1741	1816	31	
1988	2096	4162	3500	2558	2696	1733	1080	1625	2180	2767	6702	1809	334	193	376	30	
2048	2922	3792	3437	2946	4861	6563	2119	1194	1147	1614	3261	4496	1005	564	4477	29	
375	1631	2920	6292	5883	3675	1411	1870	2782	1329	7063	6423	5248	3006	1713	2467	28	
1825	645	1912	2729	7896	8215	1767	1687	2016	840	644	1322	2098	2773	4775	4639	27	
				2246	3200	2207	2518	2394	2342	1350	616	2141	1018	701	1398		
				1148	644	2918	2441	3189	11094	7878	2435	653	1218		63		
								4551	10891	8620	6733	5631	2633	2514	4380	175	
								2577	6958	1481	586	964	874	1566	2203	1441	1167
																250	
31	32	33	34	35	36	37	38	39									

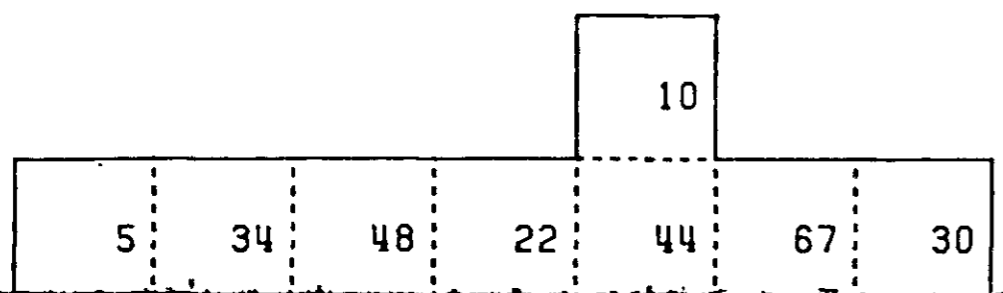
Mesh No. XX →

TY MAP OF MEA



UNIT: KW

1991



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							10				
			5	34	48	22	44	67	30		
6	27	61	49	58	48	10	22	111	32		
2	111	100	42	10	49	19	10	86	4		
7	56	29	42	95	46	29	24	101	5		
1	123	70	68	70	111	387	600	115	125		
2	3	72	339	144	87	209	192	168	41	66	41
4	1641	31		79	37	811	37	290	31	71	40
1	1600	125	109	140	37	362	21	12	53	48	6
7	757	47	68	75	69	24	73	43	113	28	
1	710	82	9	9	70	25	48	14	54		
8	1916	69	59	76	45	64	27	43			
0	16314	90	868	76	28	81	21	21			
7	267	144	1184	219	26	49	126				
9	234	15	44	42	109	58	9	61	9		
0	6	15	26	13	84	8	68	37	108		

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9	234	15	44	42	109	58	9	61	9			
0	6	15	26	13	84	8	68	37	108			
8	22	80	127	60	32	16	107	6	96	18	7	14
8	89	100	103	19	16	38	80		89	39	56	18
1	914	61	7	24	32	41	53	68	22	32	17	28
6	1905	284	3860	3204	16	72	29	22	59	41	32	
2	50	110	3560	112	461	144	92	38	59	49		
0	228	41	12372	110	14	915	273	103	1493			
0	59	99	6175	10	58	87	14	99	131			
0	80	32	63	103	133	106	14	47	14			
	50	264	35	61	1321	557	53	20				
	100	198	25	127	50	89	25					
							14					

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LOAD DENSITY MAP OF MEA

UNIT: KW
1991

		1623	3063	3711	2624	2519	72	255	3966	1023	1951	1256	3447	2116	1904	2093	
695		3299	6807	2232	2500	3081	2849	1529	911	1459	5063	3280	1271	410	2431	2535	
	2628	2771	5502	4626	3206	3323	2117	1254	1867	2569	3301	7996	2562	473	273	529	
	2709	3863	5013	4544	3648	5991	8089	2424	1365	1342	1920	4001	6287	1423	799	6320	
	497	2156	3860	8261	7681	4789	1786	2138	3182	1520	8077	7350	6002	3569	2313	3040	
	2417	854	2527	3567	10308	10725	2275	1929	2306	960	737	1512	2399	3171	6451	6266	
					2954	4177	2903	3287	2830	2679	1544	704	2449	1164	948	1883	
					1519	843	3944	3342	4261	13610	9456	2979	747	1393		85	
							6169	13804	10892	8294	6993	3362	3209	5380		237	
							3174	8578	1869	746	1266	1172	2150	2961	1958	1576	

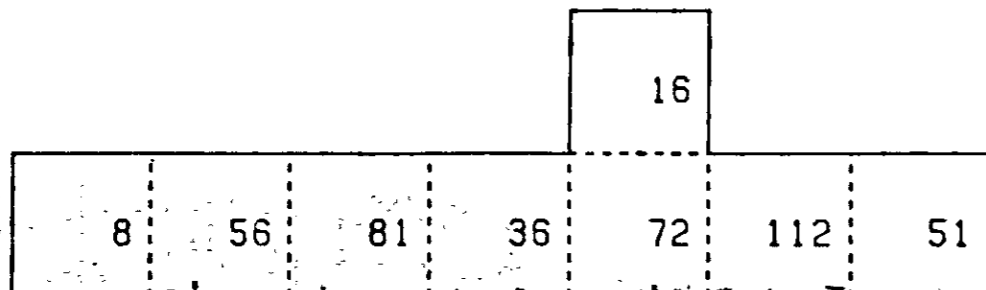
32
31
30 Mesh No. YY
29
28
27

Mesh No. XX →

31 32 33 34 35 36 37 38 250 39

UNIT: KW

2001



45	23	124	14	12	13	14	186	96	8	4	12	1	3198	63											
73	43	31	17	154	224	121	18	128	334	144	28	73	1899	3548											
33	81	35	61	93	121	166	164	8	274	27	148	6016	2897	624											
	83	35	83	93	124	104	146	35	173	156		2059	901	21	1870										
												86	8104	1717	2079	371	185								
	50	17	101	38	156	112	207	372	1670	179	17	4015	1284	450	3146	1170	244								
												85	2927	185	181	2306	3010								
		63	69	78	118	78	75	116	245	222	573	35	1780	859	1602	2178	388								
												127	1569	2759	4398	1278	51								
		73	71	50	88	83	81	211	169	389	218	83	118	598	88	845	753								
												215	88	521	1803	7830	29158								
												77	181	823	4092	5573	1740								
												178	118	371	1741	8482	8233								
												2000	180	1471	818	1349	3218	5288	8150						
												800	282	1882	4794	3894	4041	2821	8327						
												733	118	3218	8790	3575	8448	7782	8828						
												1223	495	8772	2748	13725	8711	5880	8875						
												1130	8840	12299											
												1819	7159	13521											
												1499	3851	8815											
												2949	5929	9398	8795	12557									
												75	238	188											
												1308	3578	5853	12303	20580	14282	13899	7828						
												2482	881	3281	108	7114	4758	4739	5288	5015	1887	18128	13270	18338	8508
												438	3384	1884	1088	1011	88	1205	3281	3183	4578	11124	5828	15585	15009
												88	1928	2878	2388	102	337	3255	18287	10135	21820	2824	2478	8220	10299
												71	1388	358	3844	750	3315	8722	2958	888	2340	40851	8275	5054	5157
												84	1819	2810	4358	2838	1371	217	2831	13550	8455	22448	5888	18	13180

16

8 56 81 36 72 112 51

160 44 101 82 97 81 16 37 185 53

286 185 166 70 16 82 32 16 143 6

210 93 49 70 158 76 48 40 168 8

135 204 116 113 121 208 759 1083 218 250

54 5 144 678 289 174 419 385 335 82 132 82

462 2842 61 159 74 1624 74 580 61 143 80

460 2953 250 217 279 74 724 41 25 106 96 12

454 1514 94 137 149 137 49 146 87 227 56

082 1420 165 17 17 140 51 96 28 109

96 3833 137 118 152 91 128 53 87

959 32622 180 1737 152 56 161 43 43

288 495 274 2192 404 48 99 236

280 432 27 81 77 200 116 17 113 17

55 11 27 48 24 154 15 126 68 203

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432	27	81	77	200	116	17	113	17				
11	27	48	24	154	15	126	68	203				
41	146	233	110	59	29	198	10	177	34	14	26	
164	185	190	36	29	69	146		164	72	104	33	
1682	112	14	43	59	75	98	126	41	59	31	51	
3506	523	7105	5898	29	133	53	41	108	75	59		
91	203	6553	206	849	266	170	69	108	90			
420	76	22774	203	25	1684	502	190	2749				
109	182	11367	18	107	160	25	177	240				
146	59	116	190	245	196	25	87	25				
92	486	63	112	2432	1025	98	36					
185	364	45	233	91	164	45						
						26						

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LOAD DENSITY MAP OF MEA

UNIT: KW
2001

		2510	4730	5713	4063	3537	95	337	5249	1354	2581	1677	5940	3665	3298	3627	
1075	5102	10527	3451	3849	4733	4149	2024	1210	1939	6745	4373	2226	710	4211	4392		
4063	4285	8509	7155	4942	5117	3136	1702	2558	3439	4368	10582	5125	947	523	997		
4499	5974	7752	7027	5681	9224	12454	3335	1879	1809	2547	5871	12368	2848	1598	12620		
910	3334	5969	12977	13353	8294	2932	2943	4379	2092	11116	10109	8259	5395	4490	4964		
4424	1343	3908	6121	17922	18646	3875	2655	3174	1321	1014	2081	3301	4364	12520	12162		
				5284	7262	5108	5757	4173	3687	2125	969	3371	1602	1839	3640		
				2781	1477	7253	6264	7740	21711	14458	4729	1028	1917		165		
						11419	23234	18246	13341	11164	5231	4948	8479		459		
						5105	13798	2940	1164	1939	1743	3135	4341	3509	3060		

Mesh No. XX →

31 32 33 34 35 36 37 38 250 39

32
31
30 Mesh No. YY
29
28
27

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