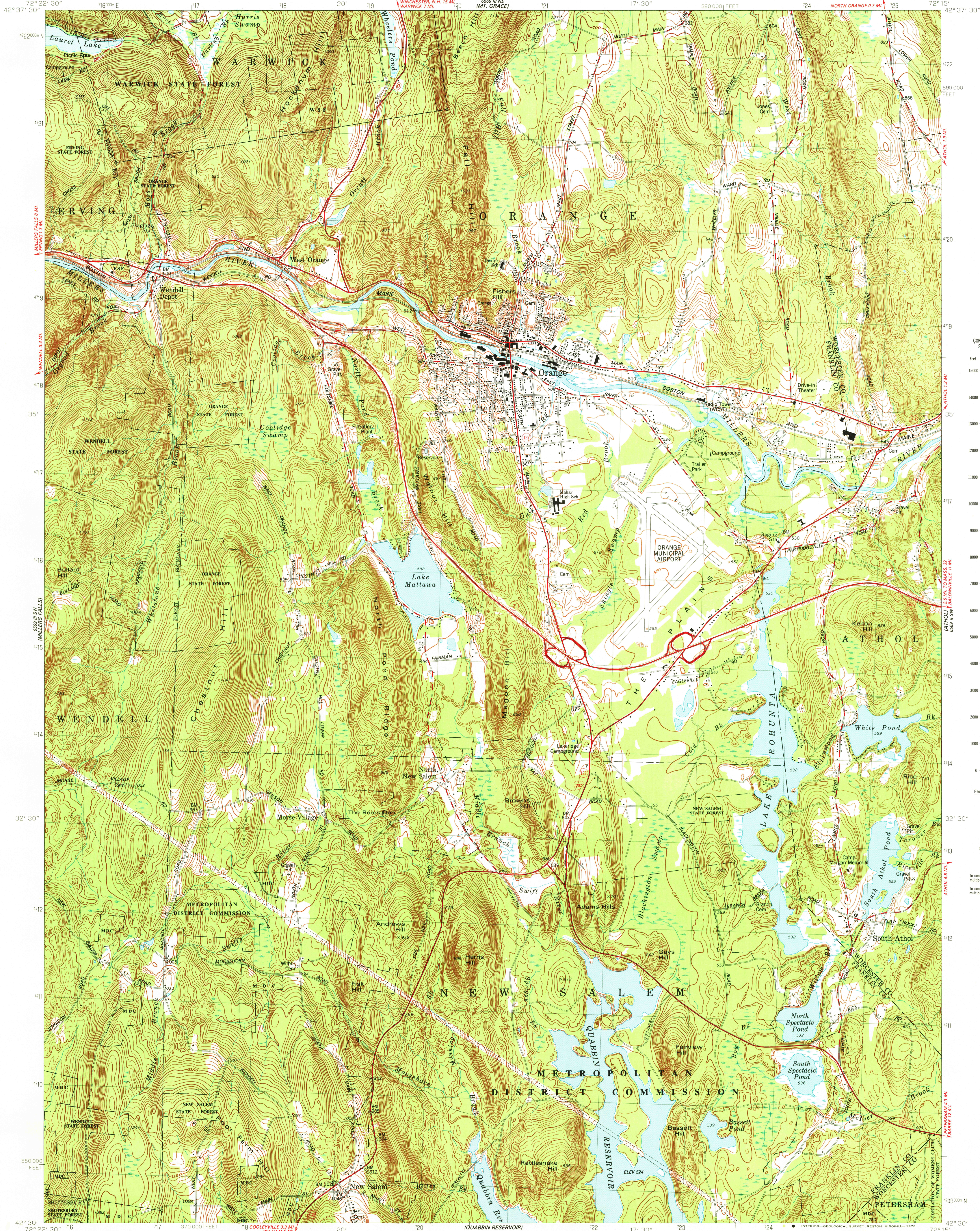


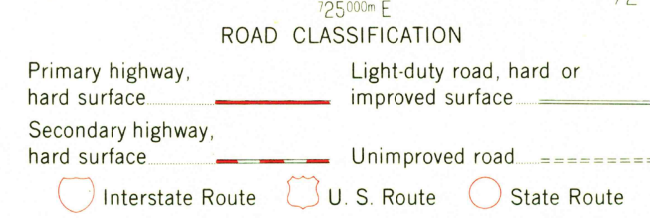
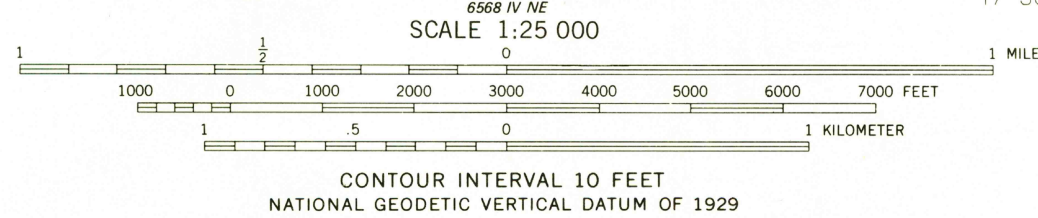
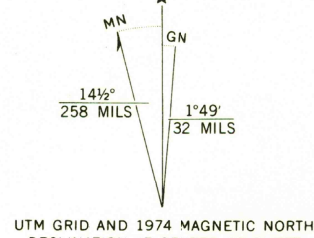


CONVERSION SCALES

Feet	Meters
1500	457
3000	914
4500	1372
6000	1829
7500	2286
9000	2743
10500	3200
12000	3657
13500	4114
15000	4571
16500	5028
18000	5485
19500	5942
21000	6399
22500	6856
24000	7313
25500	7770
27000	8227
28500	8684
30000	9142
31500	9599
33000	10056
34500	10513
36000	10970
37500	11427
39000	11884
40500	12341
42000	12798
43500	13255
45000	13712
46500	14169
48000	14626
49500	15083
51000	15540
52500	15997
54000	16454
55500	16911
57000	17368
58500	17825
60000	18282
61500	18739
63000	19196
64500	19653
66000	20110
67500	20567
69000	21024
70500	21481
72000	21938
73500	22395
75000	22852
76500	23309
78000	23766
79500	24223
81000	24680
82500	25137
84000	25594
85500	26051
87000	26508
88500	26965
90000	27422
91500	27879
93000	28336
94500	28793
96000	29250
97500	29707
99000	30164
100500	30621
102000	31078
103500	31535
105000	31992
106500	32449
108000	32906
109500	33363
111000	33820
112500	34277
114000	34734
115500	35191
117000	35648
118500	36105
120000	36562
121500	37019
123000	37476
124500	37933
126000	38390
127500	38847
129000	39304
130500	39761
132000	40218
133500	40675
135000	41132
136500	41589
138000	42046
139500	42503
141000	42960
142500	43417
144000	43874
145500	44331
147000	44788
148500	45245
150000	45702
151500	46159
153000	46616
154500	47073
156000	47530
157500	47987
159000	48444
160500	48901
162000	49358
163500	49815
165000	50272
166500	50729
168000	51186
169500	51643
171000	52100
172500	52557
174000	53014
175500	53471
177000	53928
178500	54385
180000	54842
181500	55299
183000	55756
184500	56213
186000	56670
187500	57127
189000	57584
190500	58041
192000	58498
193500	58955
195000	59412
196500	59869
198000	60326
199500	60783
201000	61240
202500	61697
204000	62154
205500	62611
207000	63068
208500	63525
210000	63982
211500	64439
213000	64896
214500	65353
216000	65810
217500	66267
219000	66724
220500	67181
222000	67638
223500	68095
225000	68552
226500	69009
228000	69466
229500	69923
231000	70380
232500	70837
234000	71294
235500	71751
237000	72208
238500	72665
240000	73122
241500	73579
243000	74036
244500	74493
246000	74950
247500	75407
249000	75864
250500	76321
252000	76778
253500	77235
255000	77692
256500	78149
258000	78606
259500	79063
261000	79520
262500	79977
264000	80434
265500	80891
267000	81348
268500	81805
270000	82262
271500	82719
273000	83176
274500	83633
276000	84090
277500	84547
279000	85004
280500	85461
282000	85918
283500	86375
285000	86832
286500	87289
288000	87746
289500	88203
291000	88660
292500	89117
294000	89574
295500	90031
297000	90488
298500	90945
300000	91402
301500	91859
303000	92316
304500	92773
306000	93230
307500	93687
309000	94144
310500	94601
312000	95058
313500	95515
315000	95972
316500	96429
318000	96886
319500	97343
321000	97800
322500	98257
324000	98714
325500	99171
327000	99628
328500	100085
330000	100542
331500	101000
333000	101457
334500	101914
336000	102371
337500	102828
339000	103285
340500	103742
342000	104199
343500	104656
345000	105113
346500	105570
348000	106027
349500	106484
351000	106941
352500	107398
354000	107855
355500	108312
357000	108769
358500	109226
360000	109683
361500	110140
363000	110597
364500	111054
366000	111511
367500	111968
369000	112425
370500	112882
372000	113339
373500	113796
375000	114253
376500	114710
378000	115167
379500	115624
381000	116081
382500	116538
384000	116995
385500	117452
387000	117909
388500	118366
390000	118823
391500	119280
393000	119737
394500	120194
396000	120651
397500	121108
399000	121565
400500	122022
402000	122479
403500	122936
405000	123393
406500	123850
408000	124307
409500	124764
411000	125221
412500	125678
414000	126135
415500	126592
417000	127049
418500	127506
420000	127963
421500	128420
423000	128877
424500	129334
426000	129791
427500	130248
429000	130705
430500	131162
432000	131619
433500	132076
435000	132533
436500	132990
438000	133447
439500	133904
441000	134361
442500	134818
444000	135275
445500	135732
447000	136189
448500	136646
450000	137103
451500	137560
453000	138017
454500	138474
456000	138931
457500	139388
459000	139845
460500	140302
462000	140759
463500	141216
465000	141673
466500	142130
468000	142587
469500	143044
471000	143501
472500	143958
474000	144415
475500	144872
477000	145329
478500	145786
480000	146243
481500	146700
483000	147157
484500	147614
486000	148071
487500	148528
489000	148985
490500	149442
492000	149899
493500	150356
495000	150813
496500	151270
498000	151727
499500	152184
501000	152641
502500	153098
504000	153555
505500	154012
507000	154469
508500	154926
510000	155383
511500	155840
513000	156297
514500	156754
516000	157211
517500	157668
519000	158125
520500	158582
522000	159039
523500	159496
525000	160000

To convert feet to meters
multiply by 0.3048
To convert meters to feet
multiply by 3.2808

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Control by USGS, NOS/NOAA, and Massachusetts Geodetic Survey
Topography by planetable surveys 1937. Revised from
aerial photographs taken 1972. Field checked 1974
Polyconic projection. 1927 North American datum
10,000-foot grid ticks based on Massachusetts coordinate system,
mainland zone
1000-meter Universal Transverse Mercator grid,
zone 18



ORANGE, MASS.
N4230-W7215/7.5

USGS
Historical File
Topographic Division

1977
AMS 6569 III SE-SERIES V814

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