TDDE31 - Lab2, Results

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The lowest and highest temperatures measured for each year for the period 1950-2014, sorted in descending order in regard to temperature:

++	++
year station temp	year station temp
++	++
1975 86200 36.1	1990 166870 -35.0
1992 63600 35.4	1990 147270 -35.0
1994 117160 34.7	1952 192830 -35.5
2010 75250 34.4	1974 179950 -35.6
2014 96560 34.4	1974 166870 -35.6
1989 63050 33.9	1954 113410 -36.0
1982 94050 33.8	1992 179960 -36.1
1968 137100 33.7	1975 157860 -37.0
1966 151640 33.5	1972 167860 -37.5
[2002] 78290[33.3]	2000 169860 -37.6
[2002] 78290[33.3]	1995 182910 -37.6
1983 98210 33.3	1957 159970 -37.8
1970 103080 33.2	1989 166870 -38.2
1986 76470 33.2	1983 191900 -38.2
[2000] 62400[33.0]	1953 183760 -38.4
1956 145340 33.0	2009 179960 -38.5
1959 65160 32.8	1993 191900 -39.0
[2006] 75240[32.7]	1984 123480 -39.2
1991 137040 32.7	1984 191900 -39.2
1988 102540 32.6	1973 166870 -39.3
++	++
only showing top 20 rows	only showing top 20 rows

2.1

Number of readings for each month in the period 1950-2014 which are higher than 10 degrees, sorted in descending order in regard to count:

+	++
year mon	th count
+	++
2014	7 147681
2011	7 146656
[2010]	7 143419
[2012]	7 137477
[2013]	7 133657
[2009]	7 133008
2011	8 132734
[2009]	8 128349
[2013]	8 128235
[2003]	7 128133
[2002]	7 127956
[2006]	8 127622
[2008]	7 126973
[2002]	8 126073
[2005]	7 125294
2011	6 125193
[2012]	8 125037
[2006]	7 124794
[2010]	8 124417
2014	8 124045
+	++
only show	ring top 20 rows

2.2

Number of readings for each month in the period 1950-2014 which are higher than 10 degrees, with every station only being counted once, sorted in descending order in regard to count:

+-	+
onthlo	
+-	+
10	378
6	377
5	377
8	376
9	376
5	375
6	375
8	375
9	375
9	374
7	374
6	374
5	373
8	373
8	372
6	372
5	370
7	370
7	370
8	370
+-	+
	onth c

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Average monthly temperature for each available station in Sweden in the period 1960-2014, sorted in descending order in regard to monthly average temperature:

++	+-	+
year mo		
++	+-	+
2014	7	96000 26.3
1994	7	96550 23.071052631578947
1983	8	54550 23.0
1994	7	78140 22.97096774193549
1994	7	85280 22.872580645161293
1994	7	75120 22.858064516129037
1994	7	65450 22.85645161290323
1994	7	96000 22.808064516129033
1994	7	95160 22.76451612903226
1994	7	86200 22.71129032258064
[2002]	8	78140 22.7
1994	7	76000 22.698387096774194
1997	8	78140 22.666129032258066
1994	7	105260 22.659677419354843
1975	8	54550 22.642857142857142
[2006]	7	76530 22.598387096774193
1994	7	86330 22.54838709677419
[2006]	7	75120 22.527419354838703
1994	7	54300 22.46935483870968
[2006]	7	78140 22.458064516129035
++	+-	+
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List stations with their maximum measured temperatures and maximum daily precipitation, where the maximum temperature is between 25-30 degrees and daily precipitation is between 100-200mm.

No output.

Average monthly precipitation for the Östergötland region for the period 1993-2016, sorted in descending order in regard to year and month:

year month avg_preci +
2016 7 0.0 2016 6 47.6625 2016 5 29.250000000000007 2016 4 26.900000000000006 2016 3 19.962500000000006 2016 2 21.5625
2016 6 47.6625 2016 5 29.250000000000007 2016 4 26.900000000000006 2016 3 19.9625000000000006 2016 2 21.5625
2016 5 29.2500000000000007 2016 4 26.900000000000006 2016 3 19.962500000000006 2016 2 21.5625
2016 4 26.9000000000000006 2016 3 19.962500000000006 2016 2 21.5625
2016 3 19.9625000000000006 2016 2 21.5625
2016 2 21.5625
2016 1 22.325
2015 12 28.925000000000004
2015 11 63.88750000000002
2015 10 2.2625
2015 9 101.2999999999997
2015 8 26.987499999999997
2015 7 119.0999999999995
2015 6 78.66250000000001
2015 5 93.2249999999998
2015 4 15.3374999999999999
2015 3 42.61250000000001
2015 2 24.82499999999996
2015 1 59.11250000000004
2014 12 35.462500000000006
++
only showing top 20 rows