

APPENDIX ONE

City of Oxford Licensed Taxicab Association (C. O. L. T. A.)

Hackney Carriage Licensed Trade – Application for Variation of Tariffs.

We have prepared an application to vary the tariffs to be approved by Oxford City Council. Key elements to this application:

1. The last variation was approved in September 2020 and implemented on 1st May 2021.
2. The last application was based on CPI and RPI Data from November 2013 to December 2018. This application looks at the changes between November 2020 to December 2022
3. The application seeks to:
 - a. Recover the significant cost increases suffered since early 2021 (in a significant increase in RPI).
 - b. Anticipate the costs involved to modernise the vehicle fleet so that new emission controls within the City can be achieved.

CPI and RPI

1. Consumer Price Index from November 2020 - 108.9 (taken roughly just over a month after from last application was approved) to December 2022 - 127.6. **An increase of 18.7%.**
2. Retail Price Index from November 2020 – 293.5 to December 2022 – 360.4. **An increase of 66.9%.**
3. The average of the two indices can be accepted as **42.8%.**

Tariff 3 proposal

The Hackney Carriage trade in Oxford currently uses tariff 3 only during the festive period of Christmas and the turn of the New Year. Colta proposes to incorporate the usage of tariff 3 on a daily basis from 02:00 a.m to 06:00 a.m, in line with other cities such as London, Leeds, Liverpool, Sheffield, Swindon, Bristol, Birmingham, South Oxfordshire and many others.

Modernisation of Vehicle Fleet to meet new emission standards.

1. The further significant cost increase relevant to this application is the previously mentioned need to modernise the fleet with low or zero emission vehicles and this is anticipated by the move to the new London Electric Vehicle taxi costing at a price of £70,000 plus interest.
2. The Council will appreciate that this very significant investment can only be achieved by the ability of the trade to earn sufficient funds to provide for the investment – either by way of loan repayment, vehicle leasing or lump sum payment.
3. It is essential that the trade is able to prepare for this change now, well in advance of the deadline for introduction of these vehicles and an element of this and future tariff changes needs to provide for the exceptional investment required.

07 March 2019

Many of our passengers appreciate that drivers cannot simply absorb the rising cost of fuel, let alone coupled with the overall rising cost of living.

The proposed increase will see the initial hire price rise on tariff 1 and on tariff 2 (after 2 miles). Tariff 3 is unchanged. We also propose to increase the hire price after 4 miles on all three tariffs from the current rate which is £3 a mile to £3.30 per mile, which is a 10% increase in line with the current inflation.

During unsocial hours, which is it the very late hours from 2 am onwards, we propose to regularise the use of tariff 3 up until 06:00 a.m.

| Tariff 1 | Current Rates from Nov 2020 | | CPI/RPI 43% (Nov 2020 to Dec 2022) | COLTA Proposals £2.80 | Vale of White Horse | West Oxon | London |
|-----------------|------------------------------------|-------|---|--------------------------------------|--------------------------------|------------------|------------------|
| | metres | | | | Flag £5.40 | Flag £5.00 | |
| | First 53.6m or part there of | £2.80 | £4.00 | | | | |
| | each subsequent 53.6m | 10p | | | | | |
| | 1 mile | 1608 | £5.80 | £6.20 | £5.40 | £5.00 | £6.40 to £10.00 |
| | then each 94.6m | 10p | £8.30 | | | | |
| | 2 miles | 3213 | £7.50 | £8.20 | £8.10 | £7.40 | £9.00 to £15.80 |
| | Average Journey 2.5 miles | | | | | | |
| | 3 miles | 4818 | £9.20 | £10.20 | £10.80 | £9.80 | |
| | 4 miles | 6432 | £10.90 | £12.20 | £13.50 | £12.20 | £17.00 to £25.00 |
| | 5 miles | 8041 | £13.90 | £15.50 | £16.20 | £14.60 | |
| | 6 miles London | | | | | | £26.00 to £33.00 |
| | 10 miles | | £28.90 | £32.00 | £29.70 | £26.60 | |

NB - The significant majority of journeys of 4 miles and more are outside the city and are still subject to negotiation.
They are also within the tariff structure shown on the meters - see example fares tab.

COLTA Proposals

| | |
|-------------------|-------------------------------------|
| 1st 53.6m | £2.80 |
| each 47.3m | £0.10 £3.00 per mile / 1608m |
| to 1 miles | |
| then each 80.4m | £0.10 £2.00 per mile / 1608m |
| to 4 miles | |
| then each 48.7m | £0.10 £3.30 per mile /1608m |

Waiting Time 10p **£20 per hour**
for 18 seconds

Soilage Charge **£70**

Carriage of each pedal cycle **£2.00**

For each passenger in excess of one **£0.30**

Un-caged animals (excluding guide/assistance dogs) £2.00

All other charges to remain as at present

Tariff 2 Night Rate, Saturday from 18:00 - 06:00, Sundays and Bank Holidays (not Christmas & New Year)

| | <u>Current</u> | <u>CPI/RPI 43%</u> Nov 2020-Dec 2022 | COLTA Proposals | Vale of White Horse | West Oxon | London |
|----------------------------------|----------------|---|----------------------------|--------------------------------|------------------|------------------|
| Flag Fall | £2.80 | £4.00 | £3.00 | Flag £6.70 | Flag £7.50 | |
| 1 mile | £6.20 | £8.90 | £6.40 | £6.70 | £7.50 | £6.40 to £10.20 |
| 2 mile | £8.60 | £12.30 | £8.80 | £10.20 | £12.90 | £10.40 to £16.00 |
| Average Journey 2.5 miles | | | | | | |
| 3 miles | £10.30 | £14.70 | £10.80 | £13.40 | £16.50 | |
| 4 miles | £12.00 | £17.20 | £12.80 | £16.60 | £20.10 | £19.00 to £25.00 |
| 5 miles | £15.00 | £21.50 | £16.10 | £19.80 | £23.70 | |
| 6 miles London | | | | | | £32.00 to £36.00 |
| 10 miles | £30.00 | £43.00 | £32.60 | £35.80 | £41.70 | |

NB - The majority of journeys of 4 miles and more are "outside the city" and are still subject to negotiation.
They are also within the tariff structure shown on the meters - see example fares tab

COLTA Proposals

1st 46m £3.00
each 46m £0.10 **£3.50 per mile/1608m**

to 2208m (1.37 mile) £0.10
then each 80.5m £0.10 **£2.00 per mile / 1608m**
to 6432m (4 miles)
then each 48.7m £0.10 **£3.30 per mile / 1608m**

Tariff 3 Current usage during Christmas and New Year.

| | Current | CPI /RPI 43% | COLTA Proposals |
|----------------|---------|--------------|-----------------|
| Flag Fall | £3.00 | £4.30 | £3.00 |
| 1mile | £6.75 | £9.70 | £6.75 |
| 2mile | £9.75 | £13.90 | £9.75 |
| 3miles | £12.75 | £18.20 | £12.75 |
| 4 miles | £15.75 | £22.50 | £15.75 |
| 5miles | £18.75 | £26.80 | £19.05 |
| 6 miles London | | | |
| 10miles | £33.75 | £48.30 | £35.55 |

| Vale of White Horse | West Oxon | London |
|---------------------|-------------|------------------|
| Flag £7.25 | Flag £10.00 | |
| £7.25 | £10.00 | £8.00 to £11.20 |
| £11.25 | £14.80 | £11.60 to £17.00 |
| £15.25 | £19.60 | |
| £19.25 | £24.40 | £20.00 to £29.00 |
| £23.25 | £29.20 | |
| £43.25 | £53.20 | £33.00 to £37.00 |

NB - The majority of journeys of 4 miles and over are "outside the city" and are still subject to negotiation.

They are still within the tariff structure shown on the meters - see example fares tab.

COLTA Proposals

| | |
|-------------------|------------------------------------|
| 1st 64.3m | £3.00 |
| each 64.3m | £0.15 £3.75 per mile /1608m |
| to 1 miles | |
| each 80.4m | £0.15 £3.00 per mile /1608m |

To 4 miles

then each 73.1 £0.15 **£3.30 per mile/1608m**

COLTA proposes to use Tariff 3 daily during late night hours from 02:00 to 06:00.

Estimated Prices to Oxfords Ring Road Roundabouts from Station and Carfax / St Giles Rank

| | | Tariff 1 |
|--|-----------|-----------------|
| Station to Seacourt Tower Botley | 1.2 miles | £6.60 |
| Station to Banbury Road Roundabout | 2.9 miles | £10.00 |
| Station to Tesco Retail Roundabout | 4.6 miles | £14.10 |
| Station to Green Road Roundabout | 3.9 miles | £12.00 |
| St Giles Rank to Seacourt Tower Botley | 1.7 miles | £7.60 |
| St Giles Rank to Banbury Road Roundabout | 2.3 miles | £8.80 |
| Carfax to Watlington Road Roundabout | 3.0 miles | £10.20 |
| Carfax to Green Road Roundabout | 2.9 miles | £10.00 |

Taken from nearest point on Google Maps and shortest routes.

No account is taken of waiting time which will vary according to traffic congestion.

All prices rounded up / down to nearest 10p

TARIFF 1

| Distance (Meters) | Price |
|-------------------|-------|
| 0 | 280 |
| 47.3 | 290 |
| 94.6 | 300 |
| 141.9 | 310 |
| 189.2 | 320 |
| 236.5 | 330 |
| 283.8 | 340 |
| 331.1 | 350 |
| 378.4 | 360 |
| 425.7 | 370 |
| 473 | 380 |
| 520.3 | 390 |
| 567.6 | 400 |
| 614.9 | 410 |
| 662.2 | 420 |
| 709.5 | 430 |
| 756.8 | 440 |
| 804.1 | 450 |
| 851.4 | 460 |
| 898.7 | 470 |
| 946 | 480 |
| 993.3 | 490 |
| 1040.6 | 500 |
| 1087.9 | 510 |
| 1135.2 | 520 |
| 1182.5 | 530 |
| 1229.8 | 540 |
| 1277.1 | 550 |
| 1324.4 | 560 |
| 1371.7 | 570 |
| 1419 | 580 |

TARIFF 2

| Distance (Meters) | Price |
|-------------------|-------|
| 0 | 300 |
| 47.3 | 310 |
| 94.6 | 320 |
| 141.9 | 330 |
| 189.2 | 340 |
| 236.5 | 350 |
| 283.8 | 360 |
| 331.1 | 370 |
| 378.4 | 380 |
| 425.7 | 390 |
| 473 | 400 |
| 520.3 | 410 |
| 567.6 | 420 |
| 614.9 | 430 |
| 662.2 | 440 |
| 709.5 | 450 |
| 756.8 | 460 |
| 804.1 | 470 |
| 851.4 | 480 |
| 898.7 | 490 |
| 946 | 500 |
| 993.3 | 510 |
| 1040.6 | 520 |
| 1087.9 | 530 |
| 1135.2 | 540 |
| 1182.5 | 550 |
| 1229.8 | 560 |
| 1277.1 | 570 |
| 1324.4 | 580 |
| 1371.7 | 590 |
| 1419 | 600 |

TARIFF 3

| Distance (Meters) | Price |
|-------------------|-------|
| 0 | 300 |
| 64.3 | 315 |
| 128.6 | 330 |
| 192.9 | 345 |
| 257.2 | 360 |
| 321.5 | 375 |
| 385.8 | 390 |
| 450.1 | 405 |
| 514.4 | 420 |
| 578.7 | 435 |
| 643 | 450 |
| 707.3 | 465 |
| 771.6 | 480 |
| 835.9 | 495 |
| 900.2 | 510 |
| 964.5 | 525 |
| 1028.8 | 540 |
| 1093.1 | 555 |
| 1157.4 | 570 |
| 1221.7 | 585 |
| 1286 | 600 |
| 1350.3 | 615 |
| 1414.6 | 630 |
| 1478.9 | 645 |
| 1543.2 | 660 |
| 1607.5 | 675 |
| 1687.9 | 690 |
| 1768.3 | 705 |
| 1848.7 | 720 |
| 1929.1 | 735 |
| 2009.5 | 750 |

| | | | | | |
|--------|--------------------|--------|--------------------|--------|------|
| 1466.3 | 590 | 1466.3 | 610 | 2089.9 | 765 |
| 1513.6 | 600 | 1513.6 | 620 | 2170.3 | 780 |
| 1560.9 | 610 | 1560.9 | 630 | 2250.7 | 795 |
| 1608.2 | 620 1 Mile = 1609 | 1608.2 | 640 1 mile = 1609 | 2331.1 | 810 |
| 1688.6 | 630 | 1675.2 | 650 | 2411.5 | 825 |
| 1769 | 640 | 1742.2 | 660 | 2491.9 | 840 |
| 1849.4 | 650 | 1809.2 | 670 | 2572.3 | 855 |
| 1929.8 | 660 | 1876.2 | 680 | 2652.7 | 870 |
| 2010.2 | 670 | 1943.2 | 690 | 2733.1 | 885 |
| 2090.6 | 680 | 2010.2 | 700 | 2813.5 | 900 |
| 2171 | 690 | 2077.2 | 710 | 2893.9 | 915 |
| 2251.4 | 700 | 2144.2 | 720 | 2974.3 | 930 |
| 2331.8 | 710 | 2211.2 | 730 | 3054.7 | 945 |
| 2412.2 | 720 | 2278.2 | 740 | 3135.1 | 960 |
| 2492.6 | 730 | 2345.2 | 750 | 3215.5 | 975 |
| 2573 | 740 | 2412.2 | 760 | 3295.9 | 990 |
| 2653.4 | 750 | 2479.2 | 770 | 3376.3 | 1005 |
| 2733.8 | 760 | 2546.2 | 780 | 3456.7 | 1020 |
| 2814.2 | 770 | 2613.2 | 790 | 3537.1 | 1035 |
| 2894.6 | 780 | 2680.2 | 800 | 3617.5 | 1050 |
| 2975 | 790 | 2747.2 | 810 | 3697.9 | 1065 |
| 3055.4 | 800 | 2814.2 | 820 | 3778.3 | 1080 |
| 3135.8 | 810 | 2881.2 | 830 | 3858.7 | 1095 |
| 3216.2 | 820 2 miles = 3218 | 2948.2 | 840 | 3939.1 | 1110 |
| 3296.6 | 830 | 3015.2 | 850 | 4019.5 | 1125 |
| 3377 | 840 | 3082.2 | 860 | 4099.9 | 1140 |
| 3457.4 | 850 | 3149.2 | 870 | 4180.3 | 1155 |
| 3537.8 | 860 | 3216.2 | 880 2 miles = 3218 | 4260.7 | 1170 |
| 3618.2 | 870 | 3296.7 | 890 | 4341.1 | 1185 |
| 3698.6 | 880 | 3377.2 | 900 | 4421.5 | 1200 |
| 3779 | 890 | 3457.7 | 910 | 4501.9 | 1215 |
| 3859.4 | 900 | 3538.2 | 920 | 4582.3 | 1230 |
| 3939.8 | 910 | 3618.7 | 930 | 4662.7 | 1245 |

| | | | | | |
|--------|---------------------|--------|---------------------|--------|------|
| 4020.2 | 920 | 3699.2 | 940 | 4743.1 | 1260 |
| 4100.6 | 930 | 3779.7 | 950 | 4823.5 | 1275 |
| 4181 | 940 | 3860.2 | 960 | 4903.9 | 1290 |
| 4261.4 | 950 | 3940.7 | 970 | 4984.3 | 1305 |
| 4341.8 | 960 | 4021.2 | 980 | 5064.7 | 1320 |
| 4422.2 | 970 | 4101.7 | 990 | 5145.1 | 1335 |
| 4502.6 | 980 | 4182.2 | 1000 | 5225.5 | 1350 |
| 4583 | 990 | 4262.7 | 1010 | 5305.9 | 1365 |
| 4663.4 | 1000 | 4343.2 | 1020 | 5386.3 | 1380 |
| 4743.8 | 1010 | 4423.7 | 1030 | 5466.7 | 1395 |
| 4824.2 | 1020 3 miles = 4827 | 4504.2 | 1040 | 5547.1 | 1410 |
| 4904.6 | 1030 | 4584.7 | 1050 | 5627.5 | 1425 |
| 4985 | 1040 | 4665.2 | 1060 | 5707.9 | 1440 |
| 5065.4 | 1050 | 4745.7 | 1070 | 5788.3 | 1455 |
| 5145.8 | 1060 | 4826.2 | 1080 3 miles = 4827 | 5868.7 | 1470 |
| 5226.2 | 1070 | 4906.7 | 1090 | 5949.1 | 1485 |
| 5306.6 | 1080 | 4987.2 | 1100 | 6029.5 | 1500 |
| 5387 | 1090 | 5067.7 | 1110 | 6109.9 | 1515 |
| 5467.4 | 1100 | 5148.2 | 1120 | 6190.3 | 1530 |
| 5547.8 | 1110 | 5228.7 | 1130 | 6270.7 | 1545 |
| 5628.2 | 1120 | 5309.2 | 1140 | 6351.1 | 1560 |
| 5708.6 | 1130 | 5389.7 | 1150 | 6431.5 | 1575 |
| 5789 | 1140 | 5470.2 | 1160 | 6504.6 | 1590 |
| 5869.4 | 1150 | 5550.7 | 1170 | 6577.7 | 1605 |
| 5949.8 | 1160 | 5631.2 | 1180 | 6650.8 | 1620 |
| 6030.2 | 1170 | 5711.7 | 1190 | 6723.9 | 1635 |
| 6110.6 | 1180 | 5792.2 | 1200 | 6797 | 1650 |
| 6191 | 1190 | 5872.7 | 1210 | 6870.1 | 1665 |
| 6271.4 | 1200 | 5953.2 | 1220 | 6943.2 | 1680 |
| 6351.8 | 1210 | 6033.7 | 1230 | 7016.3 | 1695 |
| 6432.2 | 1220 4 miles = 6436 | 6114.2 | 1240 | 7089.4 | 1710 |
| 6480.9 | 1230 | 6194.7 | 1250 | 7162.5 | 1725 |
| 6529.6 | 1240 | 6275.2 | 1260 | 7235.6 | 1740 |

| | | | | | |
|--------|---------------------|--------|---------------------|--------|------|
| 6578.3 | 1250 | 6355.7 | 1270 | 7308.7 | 1755 |
| 6627 | 1260 | 6436.2 | 1280 4 miles = 6436 | 7381.8 | 1770 |
| 6675.7 | 1270 | 6484.9 | 1290 | 7454.9 | 1785 |
| 6724.4 | 1280 | 6533.6 | 1300 | 7528 | 1800 |
| 6773.1 | 1290 | 6582.3 | 1310 | 7601.1 | 1815 |
| 6821.8 | 1300 | 6631 | 1320 | 7674.2 | 1830 |
| 6870.5 | 1310 | 6679.7 | 1330 | 7747.3 | 1845 |
| 6919.2 | 1320 | 6728.4 | 1340 | 7820.4 | 1860 |
| 6967.9 | 1330 | 6777.1 | 1350 | 7893.5 | 1875 |
| 7016.6 | 1340 | 6825.8 | 1360 | 7966.6 | 1890 |
| 7065.3 | 1350 | 6874.5 | 1370 | 8039.7 | 1905 |
| 7114 | 1360 | 6923.2 | 1380 | 8112.8 | 1920 |
| 7162.7 | 1370 | 6971.9 | 1390 | 8185.9 | 1935 |
| 7211.4 | 1380 | 7020.6 | 1400 | 8259 | 1950 |
| 7260.1 | 1390 | 7069.3 | 1410 | 8332.1 | 1965 |
| 7308.8 | 1400 | 7118 | 1420 | 8405.2 | 1980 |
| 7357.5 | 1410 | 7166.7 | 1430 | 8478.3 | 1995 |
| 7406.2 | 1420 | 7215.4 | 1440 | 8551.4 | 2010 |
| 7454.9 | 1430 | 7264.1 | 1450 | 8624.5 | 2025 |
| 7503.6 | 1440 | 7312.8 | 1460 | 8697.6 | 2040 |
| 7552.3 | 1450 | 7361.5 | 1470 | 8770.7 | 2055 |
| 7601 | 1460 | 7410.2 | 1480 | 8843.8 | 2070 |
| 7649.7 | 1470 | 7458.9 | 1490 | 8916.9 | 2085 |
| 7698.4 | 1480 | 7507.6 | 1500 | 8990 | 2100 |
| 7747.1 | 1490 | 7556.3 | 1510 | 9063.1 | 2115 |
| 7795.8 | 1500 | 7605 | 1520 | 9136.2 | 2130 |
| 7844.5 | 1510 | 7653.7 | 1530 | 9209.3 | 2145 |
| 7893.2 | 1520 | 7702.4 | 1540 | 9282.4 | 2160 |
| 7941.9 | 1530 | 7751.1 | 1550 | 9355.5 | 2175 |
| 7990.6 | 1540 | 7799.8 | 1560 | 9428.6 | 2190 |
| 8039.3 | 1550 5 miles = 8045 | 7848.5 | 1570 | 9501.7 | 2205 |
| 8088 | 1560 | 7897.2 | 1580 | 9574.8 | 2220 |
| 8136.7 | 1570 | 7945.9 | 1590 | 9647.9 | 2235 |

| | | | | | |
|--------|---------------------|--------|---------------------|---------|------|
| 8185.4 | 1580 | 7994.6 | 1600 | 9721 | 2250 |
| 8234.1 | 1590 | 8043.3 | 1610 5 miles = 8045 | 9794.1 | 2265 |
| 8282.8 | 1600 | 8092 | 1620 | 9867.2 | 2280 |
| 8331.5 | 1610 | 8140.7 | 1630 | 9940.3 | 2295 |
| 8380.2 | 1620 | 8189.4 | 1640 | 10013.4 | 2310 |
| 8428.9 | 1630 | 8238.1 | 1650 | 10086.5 | 2325 |
| 8477.6 | 1640 | 8286.8 | 1660 | 10159.6 | 2340 |
| 8526.3 | 1650 | 8335.5 | 1670 | 10232.7 | 2355 |
| 8575 | 1660 | 8384.2 | 1680 | 10305.8 | 2370 |
| 8623.7 | 1670 | 8432.9 | 1690 | 10378.9 | 2385 |
| 8672.4 | 1680 | 8481.6 | 1700 | 10452 | 2400 |
| 8721.1 | 1690 | 8530.3 | 1710 | 10525.1 | 2415 |
| 8769.8 | 1700 | 8579 | 1720 | 10598.2 | 2430 |
| 8818.5 | 1710 | 8627.7 | 1730 | 10671.3 | 2445 |
| 8867.2 | 1720 | 8676.4 | 1740 | 10744.4 | 2460 |
| 8915.9 | 1730 | 8725.1 | 1750 | 10817.5 | 2475 |
| 8964.6 | 1740 | 8773.8 | 1760 | 10890.6 | 2490 |
| 9013.3 | 1750 | 8822.5 | 1770 | 10963.7 | 2505 |
| 9062 | 1760 | 8871.2 | 1780 | 11036.8 | 2520 |
| 9110.7 | 1770 | 8919.9 | 1790 | 11109.9 | 2535 |
| 9159.4 | 1780 | 8968.6 | 1800 | 11183 | 2550 |
| 9208.1 | 1790 | 9017.3 | 1810 | 11256.1 | 2565 |
| 9256.8 | 1800 | 9066 | 1820 | 11329.2 | 2580 |
| 9305.5 | 1810 | 9114.7 | 1830 | 11402.3 | 2595 |
| 9354.2 | 1820 | 9163.4 | 1840 | 11475.4 | 2610 |
| 9402.9 | 1830 | 9212.1 | 1850 | 11548.5 | 2625 |
| 9451.6 | 1840 | 9260.8 | 1860 | 11621.6 | 2640 |
| 9500.3 | 1850 | 9309.5 | 1870 | 11694.7 | 2655 |
| 9549 | 1860 | 9358.2 | 1880 | 11767.8 | 2670 |
| 9597.7 | 1870 | 9406.9 | 1890 | 11840.9 | 2685 |
| 9646.4 | 1880 6 miles - 9654 | 9455.6 | 1900 | 11914 | 2700 |
| 9695.1 | 1890 | 9504.3 | 1910 | 11987.1 | 2715 |
| 9743.8 | 1900 | 9553 | 1920 | 12060.2 | 2730 |

| | | | | | |
|---------|----------------------|---------|---------------------|---------|------|
| 9792.5 | 1910 | 9601.7 | 1930 | 12133.3 | 2745 |
| 9841.2 | 1920 | 9650.4 | 1940 6 miles - 9654 | 12206.4 | 2760 |
| 9889.9 | 1930 | 9699.1 | 1950 | 12279.5 | 2775 |
| 9938.6 | 1940 | 9747.8 | 1960 | 12352.6 | 2790 |
| 9987.3 | 1950 | 9796.5 | 1970 | 12425.7 | 2805 |
| 10036 | 1960 | 9845.2 | 1980 | 12498.8 | 2820 |
| 10084.7 | 1970 | 9893.9 | 1990 | 12571.9 | 2835 |
| 10133.4 | 1980 | 9942.6 | 2000 | 12645 | 2850 |
| 10182.1 | 1990 | 9991.3 | 2010 | 12718.1 | 2865 |
| 10230.8 | 2000 | 10040 | 2020 | 12791.2 | 2880 |
| 10279.5 | 2010 | 10088.7 | 2030 | 12864.3 | 2895 |
| 10328.2 | 2020 | 10137.4 | 2040 | 12937.4 | 2910 |
| 10376.9 | 2030 | 10186.1 | 2050 | 13010.5 | 2925 |
| 10425.6 | 2040 | 10234.8 | 2060 | 13083.6 | 2940 |
| 10474.3 | 2050 | 10283.5 | 2070 | 13156.7 | 2955 |
| 10523 | 2060 | 10332.2 | 2080 | 13229.8 | 2970 |
| 10571.7 | 2070 | 10380.9 | 2090 | 13302.9 | 2985 |
| 10620.4 | 2080 | 10429.6 | 2100 | 13376 | 3000 |
| 10669.1 | 2090 | 10478.3 | 2110 | 13449.1 | 3015 |
| 10717.8 | 2100 | 10527 | 2120 | 13522.2 | 3030 |
| 10766.5 | 2110 | 10575.7 | 2130 | 13595.3 | 3045 |
| 10815.2 | 2120 | 10624.4 | 2140 | 13668.4 | 3060 |
| 10863.9 | 2130 | 10673.1 | 2150 | 13741.5 | 3075 |
| 10912.6 | 2140 | 10721.8 | 2160 | 13814.6 | 3090 |
| 10961.3 | 2150 | 10770.5 | 2170 | 13887.7 | 3105 |
| 11010 | 2160 | 10819.2 | 2180 | 13960.8 | 3120 |
| 11058.7 | 2170 | 10867.9 | 2190 | 14033.9 | 3135 |
| 11107.4 | 2180 | 10916.6 | 2200 | 14107 | 3150 |
| 11156.1 | 2190 | 10965.3 | 2210 | 14180.1 | 3165 |
| 11204.8 | 2200 | 11014 | 2220 | 14253.2 | 3180 |
| 11253.5 | 2210 7 miles = 11263 | 11062.7 | 2230 | 14326.3 | 3195 |
| 11302.2 | 2220 | 11111.4 | 2240 | 14399.4 | 3210 |
| 11350.9 | 2230 | 11160.1 | 2250 | 14472.5 | 3225 |

| | | | | | |
|---------|----------------------|---------|----------------------|---------|------|
| 11399.6 | 2240 | 11208.8 | 2260 | 14545.6 | 3240 |
| 11448.3 | 2250 | 11257.5 | 2270 7 miles = 11263 | 14618.7 | 3255 |
| 11497 | 2260 | 11306.2 | 2280 | 14691.8 | 3270 |
| 11545.7 | 2270 | 11354.9 | 2290 | 14764.9 | 3285 |
| 11594.4 | 2280 | 11403.6 | 2300 | 14838 | 3300 |
| 11643.1 | 2290 | 11452.3 | 2310 | 14911.1 | 3315 |
| 11691.8 | 2300 | 11501 | 2320 | 14984.2 | 3330 |
| 11740.5 | 2310 | 11549.7 | 2330 | 15057.3 | 3345 |
| 11789.2 | 2320 | 11598.4 | 2340 | 15130.4 | 3360 |
| 11837.9 | 2330 | 11647.1 | 2350 | 15203.5 | 3375 |
| 11886.6 | 2340 | 11695.8 | 2360 | 15276.6 | 3390 |
| 11935.3 | 2350 | 11744.5 | 2370 | 15349.7 | 3405 |
| 11984 | 2360 | 11793.2 | 2380 | 15422.8 | 3420 |
| 12032.7 | 2370 | 11841.9 | 2390 | 15495.9 | 3435 |
| 12081.4 | 2380 | 11890.6 | 2400 | 15569 | 3450 |
| 12130.1 | 2390 | 11939.3 | 2410 | 15642.1 | 3465 |
| 12178.8 | 2400 | 11988 | 2420 | 15715.2 | 3480 |
| 12227.5 | 2410 | 12036.7 | 2430 | 15788.3 | 3495 |
| 12276.2 | 2420 | 12085.4 | 2440 | 15861.4 | 3510 |
| 12324.9 | 2430 | 12134.1 | 2450 | 15934.5 | 3525 |
| 12373.6 | 2440 | 12182.8 | 2460 | 16007.6 | 3540 |
| 12422.3 | 2450 | 12231.5 | 2470 | 16080.7 | 3555 |
| 12471 | 2460 | 12280.2 | 2480 | 16153.8 | 3570 |
| 12519.7 | 2470 | 12328.9 | 2490 | 16226.9 | 3585 |
| 12568.4 | 2480 | 12377.6 | 2500 | 16300 | 3600 |
| 12617.1 | 2490 | 12426.3 | 2510 | 16373.1 | 3615 |
| 12665.8 | 2500 | 12475 | 2520 | 16446.2 | 3630 |
| 12714.5 | 2510 | 12523.7 | 2530 | 16519.3 | 3645 |
| 12763.2 | 2520 | 12572.4 | 2540 | 16592.4 | 3660 |
| 12811.9 | 2530 | 12621.1 | 2550 | 16665.5 | 3675 |
| 12860.6 | 2540 8 miles = 12872 | 12669.8 | 2560 | | |
| 12909.3 | 2550 | 12718.5 | 2570 | | |
| 12958 | 2560 | 12767.2 | 2580 | | |

| | | | |
|---------|----------------------|---------|----------------------|
| 13006.7 | 2570 | 12815.9 | 2590 |
| 13055.4 | 2580 | 12864.6 | 2600 8 miles = 12872 |
| 13104.1 | 2590 | 12913.3 | 2610 |
| 13152.8 | 2600 | 12962 | 2620 |
| 13201.5 | 2610 | 13010.7 | 2630 |
| 13250.2 | 2620 | 13059.4 | 2640 |
| 13298.9 | 2630 | 13108.1 | 2650 |
| 13347.6 | 2640 | 13156.8 | 2660 |
| 13396.3 | 2650 | 13205.5 | 2670 |
| 13445 | 2660 | 13254.2 | 2680 |
| 13493.7 | 2670 | 13302.9 | 2690 |
| 13542.4 | 2680 | 13351.6 | 2700 |
| 13591.1 | 2690 | 13400.3 | 2710 |
| 13639.8 | 2700 | 13449 | 2720 |
| 13688.5 | 2710 | 13497.7 | 2730 |
| 13737.2 | 2720 | 13546.4 | 2740 |
| 13785.9 | 2730 | 13595.1 | 2750 |
| 13834.6 | 2740 | 13643.8 | 2760 |
| 13883.3 | 2750 | 13692.5 | 2770 |
| 13932 | 2760 | 13741.2 | 2780 |
| 13980.7 | 2770 | 13789.9 | 2790 |
| 14029.4 | 2780 | 13838.6 | 2800 |
| 14078.1 | 2790 | 13887.3 | 2810 |
| 14126.8 | 2800 | 13936 | 2820 |
| 14175.5 | 2810 | 13984.7 | 2830 |
| 14224.2 | 2820 | 14033.4 | 2840 |
| 14272.9 | 2830 | 14082.1 | 2850 |
| 14321.6 | 2840 | 14130.8 | 2860 |
| 14370.3 | 2850 | 14179.5 | 2870 |
| 14419 | 2860 | 14228.2 | 2880 |
| 14467.7 | 2870 9 miles = 14481 | 14276.9 | 2890 |
| 14516.4 | 2880 | 14325.6 | 2900 |
| 14565.1 | 2890 | 14374.3 | 2910 |

| | | | |
|---------|-----------------------|---------|------|
| 14613.8 | 2900 | 14423 | 2920 |
| 14662.5 | 2910 | 14471.7 | 2930 |
| 14711.2 | 2920 | 14520.4 | 2940 |
| 14759.9 | 2930 | 14569.1 | 2950 |
| 14808.6 | 2940 | 14617.8 | 2960 |
| 14857.3 | 2950 | 14666.5 | 2970 |
| 14906 | 2960 | 14715.2 | 2980 |
| 14954.7 | 2970 | 14763.9 | 2990 |
| 15003.4 | 2980 | 14812.6 | 3000 |
| 15052.1 | 2990 | 14861.3 | 3010 |
| 15100.8 | 3000 | 14910 | 3020 |
| 15149.5 | 3010 | 14958.7 | 3030 |
| 15198.2 | 3020 | 15007.4 | 3040 |
| 15246.9 | 3030 | 15056.1 | 3050 |
| 15295.6 | 3040 | 15104.8 | 3060 |
| 15344.3 | 3050 | 15153.5 | 3070 |
| 15393 | 3060 | 15202.2 | 3080 |
| 15441.7 | 3070 | 15250.9 | 3090 |
| 15490.4 | 3080 | 15299.6 | 3100 |
| 15539.1 | 3090 | 15348.3 | 3110 |
| 15587.8 | 3100 | 15397 | 3120 |
| 15636.5 | 3110 | 15445.7 | 3130 |
| 15685.2 | 3120 | 15494.4 | 3140 |
| 15733.9 | 3130 | 15543.1 | 3150 |
| 15782.6 | 3140 | 15591.8 | 3160 |
| 15831.3 | 3150 | 15640.5 | 3170 |
| 15880 | 3160 | 15689.2 | 3180 |
| 15928.7 | 3170 | 15737.9 | 3190 |
| 15977.4 | 3180 | 15786.6 | 3200 |
| 16026.1 | 3190 | 15835.3 | 3210 |
| 16074.8 | 3200 10 miles = 16090 | 15884 | 3220 |
| 16123.5 | 3210 | 15932.7 | 3230 |
| | | 15981.4 | 3240 |

This page is intentionally left blank