

## United States Department of the Interior

## BUREAU OF INDIAN AFFAIRS

Osage Agency P. O. Box 1539 Pawhuska, OK 74056

In reply refer to: Office of the Superintendent

FFB 0 6 2023

NOTICE:

Oklahoma was

Oklahoma was

**EFFECTIVE** 

TO ALL OIL AND GAS LESSEES AND CRUDE OIL PURCHASERS, AS OF JUNE2016 THE OSAGE AGENCY WILL NO LONGER PROVIDE THE HIGHEST POSTED PRICE REPORT THE REPORTS MAY BE FOUND MONTHLY ON OUR WEBSITE AT THE FOLLOWING LINK, http://www.bia.gov/WhoWeAre/RegionalOffices/EasternOklahoma/WeAre/Osage/.

**Plains** 

**Plains** 

the highest posted price for crude oil purchased in Osage County,

**EFFECTIVE** January 1, 2023 the highest posted price for crude oil purchased in Osage County, \$76.75 per barrel for 40 degree API oil, paid by Coffeyville, Sunoco Oklahoma was **EFFECTIVE** January 2, 2023 the highest posted price for crude oil purchased in Osage County, Coffeyville, Sunoco Oklahoma was \$76.75 per barrel for 40 degree API oil, paid by **EFFECTIVE** January 3, 2023 the highest posted price for crude oil purchased in Osage County, Oklahoma was \$73.50 per barrel for 40 degree API oil, paid by Sunoco **EFFECTIVE** January 4, 2023 the highest posted price for crude oil purchased in Osage County, \$69.32 per barrel for 40 degree API oil, paid by Oklahoma was **Plains EFFECTIVE** January 5, 2023 the highest posted price for crude oil purchased in Osage County, Oklahoma was **\$70.15** per barrel for 40 degree API oil, paid by **Plains EFFECTIVE** January 6-8, 2023 the highest posted price for crude oil purchased in Osage County. \$70.25 per barrel for 40 degree API oil, paid by Coffeyville, Plains, Sunoco Oklahoma was **EFFECTIVE** January 9, 2023 the highest posted price for crude oil purchased in Osage County, Oklahoma was \$71.25 per barrel for 40 degree API oil, paid by Sunoco **EFFECTIVE** January 10, 2023 the highest posted price for crude oil purchased in Osage County, Oklahoma was **\$71.75** per barrel for 40 degree API oil, paid by Sunoco January 11, 2023 **EFFECTIVE** the highest posted price for crude oil purchased in Osage County, Oklahoma was \$74.00 per barrel for 40 degree API oil, paid by Sunoco **EFFECTIVE** January 12, 2023 the highest posted price for crude oil purchased in Osage County, Oklahoma was \$74.87 per barrel for 40 degree API oil, paid by **Plains** January 13-15, 2023 **EFFECTIVE** the highest posted price for crude oil purchased in Osage County,

\$76.34 per barrel for 40 degree API oil, paid by

\$76.34 per barrel for 40 degree API oil, paid by

January 16, 2023

EFFECTIVE Oklahoma was	January 17, 2023 the highest posted price for crude oil purchased in Osage County, \$76.66 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 18, 2023 the highest posted price for crude oil purchased in Osage County, \$76.00 per barrel for 40 degree API oil, paid by Coffeyville, Sunoco
EFFECTIVE Oklahoma was	January 19, 2023 the highest posted price for crude oil purchased in Osage County, \$76.81 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 20-22, 2023 the highest posted price for crude oil purchased in Osage County, \$77.79 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 23, 2023 the highest posted price for crude oil purchased in Osage County, \$78.10 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 24, 2023 the highest posted price for crude oil purchased in Osage County, \$76.61 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 25, 2023 the highest posted price for crude oil purchased in Osage County, \$76.63 per barrel for 40 degree API oil, paid by Plains
EFFECTIVE Oklahoma was	January 26, 2023 the highest posted price for crude oil purchased in Osage County, \$77.50 per barrel for 40 degree API oil, paid by Coffeyville, Sunoco
EFFECTIVE Oklahoma was	January 27-29, 2023 the highest posted price for crude oil purchased in Osage County, \$76.25 per barrel for 40 degree API oil, paid by Sunoco
EFFECTIVE Oklahoma was	January 30, 2023 the highest posted price for crude oil purchased in Osage County, \$74.50 per barrel for 40 degree API oil, paid by Sunoco
EFFECTIVE Oklahoma was	January 31, 2023 the highest posted price for crude oil purchased in Osage County, \$75.50 per barrel for 40 degree API oil, paid by Sunoco

Under the terms of 25 CFR 226.11 (a)(2), royalty due the Osage Tribe is based on the actual selling price, but at not less than the highest posted price offered by a major purchaser in Osage County. If the actual selling price is not higher, then the above listed posted prices must be used to pay royalty. These prices were determined by a survey of posted prices paid by purchasers buying oil from Osage County. If your degree of API gravity is different than shown, please refer to the appropriate schedule enclosed. The Bureau of Indian Affairs is required to obtain royalty based on 25 CFR 226.11 (a)(2). The prices stated in this bulletin are subject to revision.

Sincerely,

Acting Superintendent

								***************************************		HIGH:	78.10
					RICING SC					LOW:	69.32
T	0000				ANUARY 20		0000	1	0000	AVERAGE:	74.9961
January 1,	2023	January 2,	2023	January 3,	2023	January 4	, 2023	January 5,	2023	January 6, January 7,	
										January 7, January 8,	
ADLODAN	DDIOT DDI	ADLODAY	DDIOT DDI	ADLODAY	DDIOE DDI	ADLODAV	DDIOE DDI	ADLODAY	DOICE DDI	<del></del>	
API GRAV	PRICE BBL	API GRAV 30.0-40.0	76.750	API GRAV	PRICE BBL	API GRAV 30,0-40,0	PRICE BBL 69.320		PRICE BBL 70.150	30.0-40.0	PRICE BBL 70.250
30.0-40.0 29.9	76.745		76.730	30,0-40,0 29,9	73.495		69.315	30.0-40.0 29.9	70.130		70.230
29.8	76.740		76.740	<b>:</b>	73.490		69.310	29.8	70.143		70.240
29.7	76.735		76.7 <del>4</del> 0	29.7	73.485		69.305	29.7	70.135		70.235
29.6	76.730		76.730		73.480		69.300	29.6	70.130		70.230
29.5	76.725		76.725	29.5	73.475		69.295	29.5	70.125		70.225
29.4	76.720		76.720	29.4	73.470		69.290	29.4	70.120		70.220
29.3	76.715		76.715	29.3	73.465		69,285	29.3	70.115		70.219
29.2	76.710		76.710	29.2	73.460		69.280	29.2	70.110		70.210
29.1	76.705		76.705	29.1	73.455		69.275	29.1	70.105		70.20
29.0	76.700		76.700	29.0	73.450		69.270	29.0	70.100		70.200
28.9	76.695		76,695	28.9	73.445		69.265	28.9	70.095		70.198
28.8	76.690		76.690	28.8	73.440		69.260	28.8	70.090		70.190
28.7	76.685		76.685	28.7	73.435		69.255	28.7	70.085		70.185
28.6	76.680		76.680		73.430		69.250	28.6	70.080	28.6	70.180
28.5	76.675		76.675	28.5	73.425	28.5	69.245	28.5	70.075	28.5	70.175
28.4	76.670	28.4	76.670	28.4	73.420	28.4	69.240	28.4	70.070	28.4	70.170
28.3	76.665	28.3	76.665	28.3	73.415	28.3	69.235	28.3	70.065		70.165
28.2	76.660		76.660		73.410		69.230	28.2	70.060		70.160
28.1	76.655		76.655	28.1	73.405		69.225	28.1	70.055		70.155
28.0	76.650	28.0	76.650	28.0	73.400		69.220	28.0	70.050		70.150
27.9	76.645	27.9	76.645	27.9	73.395		69.215	27.9	70.045		70.148
27.8	76.640		76.640	27.8	73.390		69.210	27.8	70.040		70.140
27.7	76.635		76.635	27.7	73.385		69.205	27.7	70.035		70,135
27.6	76.630		76.630		73.380		69.200	27.6	70.030		70.130
27.5	76.625		76.625	27.5	73.375		69.195	27.5	70.025		70.125
27.4	76.620		76.620	27.4	73.370		69.190	27.4	70.020		70.120
27.3	76.615		76.615	27.3	73.365		69.185	27.3	70.015		70.115
27.2	76.610		76.610	27.2	73.360		69.180	27.2	70.010		70.110
27.1	76.605		76,605	27.1	73.355		69.175	27.1	70.005		70.105
27.0 26.9	76.600 76.595		76.600 76.595	27.0 26.9	73.350 73.345		69.170 69.165	27.0 26.9	70.000 69.995		70.100 70.095
26.9 26.8	76.595		76.595 76.590	26.8	73.340		69.160	26.9 26.8	69.990	)	70.090
26.7	76.585		76.590 76.585		73.340		69.155	26.7	69.985		70.096
26.6	76.580		76.580		73.330		69.150		69.980		70.080
26.5	76.575		76.575	26.5	73.325		69.145	26.5	69.975		70.075
26.4	76.570		76.570	26.4	73.320		69.140		69.970		70.070
26.3	76.565		76.565	26.3	73.320		69.135		69.965		70.065
26.2	76.560		76.560		73.310		69.130		69.960		70.060
26.1	76.555		76.555		73.305		69.125		69.955		70.055
26.0	76.550		76.550		73.300		69.120	26.0	69.950	1	70.050
25.9	76.545		76.545		73.295		69.115		69.945		70.045
25.8	76.540		76.540		73.290		69.110	25.8	69.940		70.040
25.7	76.535		76.535		73.285		69.105		69.935		70.035
25.6	76.530		76.530		73.280		69.100	25.6	69.930		70.030
25.5	76.525		76.525	25.5	73.275		69.095	25.5	69.925		70.025
25.4	76.520	25.4	76.520		73.270	25.4	69.090	25.4	69.920		
25.3	76.515		76.515	25.3	73.265		69.085		69.915		70.018
25.2	76.510		76.510		73.260		69.080		69.910		70.010
25.1	76.505		76.505	25.1	73.255		69.075	25.1	69.905		70.005
25.0	76.500		76.500	25.0	73.250		69.070		69.900		70.000
24.9	76.495		76.495	24.9	73.245		69.065	24.9	69.895		69.99
24.8	76,490		76,490		73.240		69.060	24.8	69.890		69.990
24.7	76.485		76.485	24.7	73.235	1	69.055		69.885		69.985
24.6	76.480		76.480		73.230		69.050	24.6	69.880		69.980
24.5	76.475		76.475	24.5	73.225		69.045	24.5	69.875		69.975
24.4	76,470		76.470		73.220		69.040		69.870		
24.3	76.465	24.3	76.465	24.3	73.215	24.3	69.035	24.3	69.865	24.3	69.96

		os	AGE AGEN	CY PRICIN		JLE				HIGH: LOW: AVERAGE:	78.10 69.32 74.9961
January 9,	2023	January 10		January 11		January 1	2. 2023	January 13	3. 2023	January 16	
			•		•	······································		January 14			
								January 15		· ·	
API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL
30.0-40.0	71.250	30.0-40.0	71.750	30.0-40.0	74.000	30.0-40.0	74.870	30.0-40.0	76.340	30.0-40.0	76.340
29.9	71.245	29.9	71.745	29.9	73.995	29.9	74.865	29.9	76.335	29.9	76.335
29.8	71.240	29.8	71.740	29.8	73.990	29.8	74.860	29.8	76.330	29.8	76.330
29.7	71.235	29.7	71.735	29.7	73.985	29.7	74.855	29.7	76.325	29.7	76.325
29.6	71.230	29.6	71.730	29.6	73.980	29.6	74.850	29.6	76.320	29.6	76.320
29.5	71.225	29.5	71.725	29.5	73.975	29.5	74.845	29.5	76.315	29.5	76.315
29.4	71.220	29.4	71.720	29.4	73.970	29.4	74.840	29.4	76.310	29.4	76.310
29.3	71.215	29.3	71.715	29.3	73.965		74.835				76.305
29.2	71.210	29.2	71.710	29.2	73.960		74.830				76.300
29.1	71.205	29.1	71.705	29.1	73.955	29.1	74.825				76.295
29.0	71.200	29.0	71.700	29.0	73.950	29.0	74.820				76.290
28.9	71.195	28.9	71.695	28.9	73.945	28.9	74.815				76.285
28.8	71,190	28.8	71.690	28.8	73.940	28.8	74.810				76.280
28.7	71.185	28.7	71.685	28.7	73.935	28.7	74.805				76.275
28.6	71.180	28.6	71.680	28.6	73.930	28.6	74.800				76.270
28.5	71.175	28.5	71.675	28.5	73.925	28.5	74.795				76.265
28.4	71.170	28.4	71.670	28.4	73.920	28.4	74.790				76.260
28.3	71.165	28.3	71.665	28.3	73.915	28.3	74.785				76.255
28.2	71.160	28.2	71.660	28.2	73.910	28.2	74.780				76.250
28.1	71.155	28.1	71.655	28,1	73.905	28.1	74.775				76.245
28.0	71.150	28.0	71.650	28.0	73.900	28.0	74.770				76.240
27.9	71.145	27.9	71.645	27.9	73.895	27.9	74.765				76.235
27.8	71.140	27.8	71.640	27.8	73.890	27.8	74.760				76.230
27.7	71.135	27.7	71.635	27.7	73.885	27.7	74.755				76.225
27.6	71.130	27.6	71.630	27.6	73.880	27.6	74.750				76.220
27.5	71.125	27.5	71.625	27.5	73.875	27.5	74.745	27.5			76.215
27.4	71.120	27.4	71.620	27.4	73.870	27.4	74.740				76.210
27.3	71.115	27.3	71.615	27.3	73.865	27.3	74.735				76.205
27.2	71.110	27.2	71.610	27.2	73.860	27.2	74.730				76.200
27.1	71.105	27.1	71.605	27.1	73.855	27.1	74.725	27.1			76.195
27.0	71.100	27.0	71.600	27.0	73.850	27.0	74.720	27.0			76.190
26.9	71.095	26.9	71.595	26.9	73.845	26.9	74.715				76.185
26.8	71.090	26.8	71.590	26.8	73.840	26.8	74.710				76.180
26.7	71.085	26.7	71.585	26.7	73.835	26.7	74.705	26.7		E .	76.175
26.6	71.080	26.6	71.580	26.6	73.830	26.6	74.700				76.170
26.5	71.075	26.5	71.575	26.5	73.825	26.5	74.695				76.165
26.4	71.070	26.4	71.570	26.4	73.820	26.4	74.690				76.160
26.3	71.065	26.3	71.565	26.3	73.815	26.3	74.685				76.155
26.2	71.060	26.2	71.560	26.2	73.810	26.2	74.680				76.150
26.1	71.055	26.1	71.555	26.1	73.805	26.1	74.675				76.145
26.0	71.050	26.0	71.550	26.0	73.800	26.0	74.670				76.140
25.9	71.045	25.9	71.545	25.9	73.795	25.9	74.665				76.135
25.8	71.040	25.8	71.540	25.8	73.790	25.8	74.660				76.130
25.7	71.035	25.7	71.535	25.7	73.785	25.7	74.655				76.125
25.6	71.030	25.6	71.530	25.6	73.780	25.6	74.650				76.120
25.5	71.025	25.5	71.525	25.5	73.775	25.5	74.645				76.115
25.4	71.020	25.4	71.520	25.4	73.770	25.4	74.640				76.110
25.3	71.015	25.3	71.515	25.3	73.765	25.3	74.635				76.105
25.2	71.010	25.2	71.510	25.2	73.760	25.2	74.630				76.100
25.1	71.005	25.1	71.505	25.1	73.755	25.1	74.625				76.095
25.0	71.000	25.0	71.500	25.0	73.750	25.0	74.620				76.090
24.9	70.995	24.9	71.495	24.9	73.745	24.9	74.615				76.085
24.8	70.990	24.8	71.490	24.8	73.740	24.8	74.610				76.080
24.7	70.985	24.7	71.485	24.7	73.735	24.7	74.605				76.075
24.6	70.980	24.6	71.480	24.6	73.730	24.6	74.600				76.070
24.5	70.975	24.5	71.475	24.5	73.725	24.5	74.595				76.065
24.4	70.970	24.4	71.470		73.720	24.4	74.590				76.060
24.3	70.965	24.3	71.465	24.3	73.715	24.3	74,585	24,3	76.055	24.3	76.055

		ΛS	AGE AGEN	CA DDICIP	IG SCHEDI	11 E			**************************************	HIGH: LOW:	78.10 69.32
		03		OF JANUA		J1				AVERAGE:	74.9961
January 17	7, 2023	January 18		January 19		January 2	0, 2023	January 23	, 2023	January 24	
						January 2					
						January 2					
API GRAV	PRICE BBL	API GRAV	PRICE BBL	API GRAV	PRICE BBL		PRICE BBL		PRICE BBL	API GRAV	PRICE BBL
30.0-40.0		30.0-40.0	76.000	30.0-40.0		30.0-40.0	77.790	30.0-40.0	78.100		76.610
29.9 29.8	76.655 76.650	29,9 29.8	75.995 75.990	29.9 29.8	76.805 76.800		77.785 77.780	29.9 29.8	78.095 78.090		76.605 76.600
29.6	76.645		75.985	29.6 29.7	76.600 76.795		77.775	29.6 29.7	78.090 78.085		76.500 76.595
29.6	76.640		75.980	29.6	76.790		77.770	29.6	78.080		76.590
29.5	76.635	29.5	75.975	29.5	76.785		77.765	29.5	78.075		76.585
29.4	76.630		75.970	29.4	76.780		77.760	29.4			76.580
29.3	76.625	29.3	75.965	29.3	76.775		77.755	29.3	78.065	29.3	76.575
29.2	76.620	29.2	75.960	29.2	76.770		77.750	29.2	78.060		76.570
29.1	76.615	29.1	75.955	29.1	76.765	29.1	77.745	29.1	78.055		76.565
29.0	76.610	29.0	75.950	29.0	76.760	29.0	77.740	29.0	78.050		76.560
28.9	76.605	28.9	75.945	28.9	76.755	28.9	77.735	28.9	78.045		76.555
28.8	76.600		75.940	28.8	76.750		77.730		78.040		76.550
28.7 28.6	76.595 76.590	28.7 28.6	75.935 75.930	28.7 28.6	76.745 76.740	1	77.725 77.720	28.7 28.6	78.035 78.030		76.545 76.540
28.5	76.590 76.585	28.5	75.930 75.925	28.5	76.740 76.735		77.720 77.715	28.5 28.5	78.030 78.025		76.5 <del>4</del> 0 76.535
28.4	76.580		75.920	28.4	76.730		77.710		78.020		76.530
28.3	76.575		75.915	28.3	76.725		77.705	28.3	78.015		76.525
28.2	76.570		75.910	28.2	76.720		77.700	28.2	78.010		76.520
28.1	76.565	28.1	75.905	28.1	76.715		77.695	28.1	78.005		76.515
28.0	76.560	28.0	75.900	28.0	76.710		77.690	28.0	78.000		76.510
27.9	76.555	27.9	75.895	27.9	76.705	27.9	77.685	27.9	77.995		76.505
27.8	76.550		75.890	27.8	76.700		77.680	27.8	77.990		76.500
27.7 27.6	76.545 76.540	27.7 27.6	75.885 75.880	27.7 27.6	76.695 76.690		77.675	27.7 27.6	77.985		76.495
27.5 27.5	76.540	27.5 27.5	75.875	27.6 27.5	76.685		77.670 77.665	27.6 27.5	77.980 77.975		76.490 76.485
27.4	76.530		75.870	27.4	76.680		77.660	27.4	77.970		76.480
27.3	76.525	27.3	75.865	27.3	76.675		77.655	27.3	77.965		76.475
27.2	76.520	27.2	75.860	27.2	76.670		77.650	27.2	77.960		76.470
27.1	76.515	27.1	75.855	27.1	76.665	27.1	77.645	27.1	77.955		76.465
27.0	76.510	27.0	75.850	27.0	76.660	27.0	77.640	27.0	77.950		76.460
26.9	76.505	26.9	75.845	26.9	76.655	ľ	77.635	26.9	77.945		76.455
26.8 26.7	76.500	26.8	75.840	26.8	76.650	26.8	77.630	26.8	77.940	l	76.450
26.7	76,495	26.7	75.835	26.7	76.645	26.7	77.625	26.7	77.935	26.7	76.445
26.6 26.5	76.490 76.485	26.6 26.5	75.830 75.825	26.6 26.5	76.640 76.635	ŀ	77.620 77.615	26.6 26.5	77.930 77.925		76.440 76.435
26.4	76.480		75.820	26.4	76.630		77.610	26.4	77.920		76.430
26.3	76.475		75.815	26.3	76.625	1	77.605	26.3	77.915		76.425
26.2	76.470		75.810	26.2	76.620		77.600	26.2	77.910		76.420
26.1	76.465	26.1	75.805	26.1	76.615	26.1	77.595	26.1	77.905	26.1	76.415
26.0	76.460		75.800	26.0	76.610	26.0	77.590	26.0	77.900		76.410
25.9	76.455		75.795	25.9	76.605	25.9	77.585	25.9	77.895		76.405
25.8	76.450		75.790	25.8	76.600		77.580	25.8	77.890		76.400
25.7 25.6	76.445 76.440		75.785 75.780	25.7 25.6	76.595 76.590	25.7 25.6	77.575 77.570	25.7 25.6	77.885 77.880		76.395 76.390
25.5 25.5	76.440 76.435		75.780 75.775	25.6 25.5	76.590 76.585		77.570 77.565	25.6 25.5	77.880 77.875		76.390 76.385
25.4	76.430		75.770	25.4	76.580	1	77.560	25.5 25.4	77.870		76.380
25.3	76.425		75.765	25.3	76.575	25.3	77.555	25.3	77.865		76.375
25.2	76.420		75.760	25.2	76.570	25.2	77.550	25.2	77.860		76.370
25.1	76.415		75.755	25.1	76.565	25.1	77.545	25.1	77.855		76.365
25.0	76.410	25.0	75.750	25.0	76.560	25.0	77.540	25.0	77.850	25.0	76.360
24.9	76.405	24.9	75.745	24.9	76.555	24.9	77.535	24.9	77.845		76.355
24.8	76.400	24.8	75.740	24.8	76.550		77.530	24.8	77.840		76.350
24.7	76.395	24.7	75.735	24.7	76.545		77.525	24.7	77.835		76.345
24.6 24.5	76.390 76.385	24.6 24.5	75.730 75.725	24.6 24.5	76.540 76.535	24.6 24.5	77.520 77.515	24.6 24.5	77.830 77.825		76.340 76.335
24.5 24.4	76.380		75.720	24.5 24.4	76.535 76.530		77.515 77.510	24.5 24.4	77.825 77.820	1	76.335 76.330
24.3	76.375		75.715	24.3	76.525	24.3	77.505	24.4	77.815		76.325
<u>-</u> -7,√	, 0.070	<u></u>	, 0.7 10	27.0	, 0.020	27.0	11.000	۲5	, ,	27.0	10.020

		os	AGE AGEN	CY PRICIN	G SCHEDI	JLE				HIGH: LOW:	78.1 69.3
			MONTH	OF JANUA	RY 2023					AVERAGE:	74.996
lanuary 25	5, 2023	January 26	3, 2023	January 27		January 3	0, 2023	January 31	, 2023		
				January 28							
				January 29		<b>_</b>					
API GRAV	PRICE BBL	API GRAV	PRICE BBL		PRICE BBL		PRICE BBL	API GRAV	PRICE BBL		
30.0-40.0		30,0-40.0	77.500	30.0-40.0		30.0-40.0	74.500	30.0-40.0	75.500		
29.9	76.625		77.495	29.9	76.245		74.495	29.9			
29.8	76.620		77.490		76.240		74.490			t .	
29.7	76.615		77.485	29.7	76.235		74.485	29.7			
29.6	76.610		77.480		76.230		74.480				
29.5	76.605		77.475		76.225		74.475				
29.4	76.600		77.470	29.4 29.3	76.220 76.215		74.470			I .	
29.3 29.2	76.595 76.590		77.465 77.460	29.3 29.2	76.213		74.465 74.460				
29.2 29.1	76.5 <del>9</del> 0		77.455 77.455	29.2	76.215		74.455				
29.0	76.580		77.450 77.450	29.0	76.200		74.450				
28.9	76.575		77.445	28.9	76.200		74.445				
28.8	76.570		77.440	28.8	76.193		74.440	28.8			
28.7	76.565		77.435	28.7	76.185		74.435				
28.6	76.560		77.430		76.180		74.430				
28.5	76.555		77.425		76.175		74,425				
28.4	76.550		77.420		76.170		74.420				
28.3	76.545		77.415	28.3	76.165		74.415				
28.2	76.540		77.410		76.160		74.410				
28.1	76.535		77.405	28.1	76.155		74.405				
28.0	76.530		77.400	28.0	76.150		74.400				
27.9	76.525		77.395	27.9	76.145		74.395	27.9	75.395		
27.8	76.520	27.8	77.390	27.8	76.140	27.8	74.390	27.8	75.390		
27.7	76.515	27.7	77.385	27.7	76.135	27.7	74.385	27.7	75.385		
27.6	76.510		77.380	27.6	76.130		74.380				
27.5	76.505		77.375	27.5	76.125		74.375				
27.4	76.500		77.370	27.4	76.120		74.370				
27.3	76.495		77.365	27.3	76.115		74.365				
27.2	76.490		77.360	27.2	76.110		74.360				
27.1	76.485		77.355	27.1	76.105		74.355				
27.0	76.480		77.350	27.0	76.100		74,350				
26.9	76.475		77.345	26.9	76.095		74.345	26.9			
26.8	76.470		77.340		76.090		74.340				
26.7	76.465		77.335		76.085		74.335				
26.6	76.460		77.330		76.080		74.330				
26.5	76.455		77.325	26.5	76.075		74.325	26.5			
26.4	76.450		77.320	26.4	76.070		74.320				
26.3 26.2	76.445 76.440		77.315 77.310	26.3 26.2	76.065 76.060		74.315 74.310				
26.2 26.1	76.440 76.435		77.310	26.2 26.1	76.050 76.055		74.310		75.310 75.305		
26.0	76.435 76.430		77.300	26.0	76.050		74.300				
25.9	76,425		77.295	25.9	76.035		74.295				
25.8	76.420		77.290	25.8	76.040		74.290				
25.7	76.415		77.285	25.7	76.035		74.285				
25.6	76.410		77.280	25.6	76.030		74.280				
25.5	76.405		77.275	25.5	76.025		74.275				
25.4	76.400		77.270	25.4	76.020		74.270				
25.3	76.395		77.265	25.3	76.015		74.265				
25.2	76,390		77.260	25.2	76.010		74.260				
25.1	76.385		77.255	25.1	76.005		74.255		75.255		
25.0	76.380		77.250	25.0	76.000		74.250				
24.9	76.375		77.245	24.9	75.995		74.245				
24.8	76.370		77.240	24.8	75.990		74.240				
24.7	76.365		77.235	24.7	75.985		74.235				
24.6	76.360		77.230	24.6	75.980		74.230				
24.5	76.355		77.225	24.5	75.975		74.225	24.5			
24.4	76.350		77.220	24.4	75.970		74.220				
24.3	76.345	24.3	77.215	24.3	75.965	24.3	74.215	24.3	75.215	1	