



9229-M-3-E

PART NO. 1 OF 5

A vertical ruler with markings from 0 to 75 cm. The ruler is white with black markings. Major markings are at 0, 10, 20, 30, 40, 50, 60, and 75 cm. Minor markings are at every millimeter. The ruler is oriented vertically with the 0 mark at the top.

MIGRATION
REVERSE POLARITY

MOBIL OIL CANADA

88-76

ACQUISITION:
ACQUIRED FOR: MOBIL OIL CANADA
ACQUIRED BY: WESTERN GEOPHYSICAL
PARTY: 367
RECORDING DATE: MARCH 1988

RECEIVERS:	
TYPE OF GEOPHONE	LRS 1011
GEOPHONE FREQUENCY	14 MZ
NUMBER OF GEOPHONES PER ARRAY	18 OVER 52.5 W
NUMBER OF GROUPS RECORDED	120 CHANNEL
GROUP INTERVAL	50 METERS
AVERAGE PERCENT COVERAGE	1500 ±
PATTERN	4 LINES X 30 RECEIVERS

PROCESSING:
DATE: MAY 1989

DEMULTIPLEX
PROCESSING SAMPLE RATE 2 MSEC
PROCESSING RECORD LENGTH 13000 MSEC

CORRELATION
CORRELATION WITH SWEEP TO 3000 MSEC

PRE-PROCESSOR
TRACE HEADER UPDATE FOR CELL SORT
VISUAL QC OF RAW RECORDS

AMPLITUDE COMPENSATION
TIME FUNCTION EXPONENTIAL VALUE OF 2.25

TYPE	MINIMUM PHASE	INVERSE FILTER
AUTOCORRELATION WINDOW:	200 - 2200 MSEC	
MINIMUM PREDICTIVE DISTANCE	SPIKING 2 MSEC	
OPERATOR LENGTH:	80 MSEC	
PERCENT WHITE NOISE	-1.2	

TRACE EQUALIZATION
TYPE 2000 RWS
WINDOW 200 - 2200 WSEC

GEOPHONE/INSTRUMENT PHASE COMPENSATION

CELL SORT
25 X 25 METER CELL SIZE

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METHOD:                                MODEL BASED REFRACTION
DATUM ELEVATION:                       100 METERS ASL
REPLACEMENT VELOCITY:                  3600 METERS/SEC
WEATHERING VELOCITY:                   610 METERS/SEC
STATICS CORRECTED FROM SURFACE TO DATUM
STATICS: (AUTOMATIC)

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NMO WITH REGIONAL VELOCITY FUNCTION	
TYPE (3D WISER®)	AUTOMATIC SURFACE CONSISTENT
GATE	200 - 1200 MSEC
MAXIMUM SHIFT	+ OR - 24 MSEC
RESIDUAL SHOT AND RECEIVER STATICS CORRECTIONS	

3-D VELOCITY ANALYSIS
TYPE (VELAN®)
3-D VELOCITY INTERPOLATION
SEMBLANCE
VELOCITY VERIFICATION
COMMON OFFSET STACKS WITH NMO & STATICS APPLIED
CORRECTION AUTOMATIC

STATISTICS (AUTOMATIC)
 NNO WITH 3D INTERPOLATED VELOCITY FUNCTION
 TYPE (3D MISER*) AUTOMATIC SURFACE CONSISTENT
 GATE 200 - 1200 MSEC
 MAXIMUM SHIFT + OR - 12 MSEC
 RESIDUAL SHOT AND RECEIVER STATICS CORRECTIONS

NORMAL MOVEOUT APPLICATION	
NOTE APPLIED AFTER N.W.O. :	
DISTANCE (METERS)	TIME (MSEC)
220	0
225	200
375	240
600	450

1500 900

DIP MOVEOUT STACK
MAXIMUM DIP 25.0 DEGREES

TIME VARIANT FILTER
FREQUENCY(HZ) SLOPE(DR/OCT) TIME(MSEC)

10-90	24/64	1200
10-60	24/64	2100
20-50	24/64	3000

STOLT MIGRATION
 2 PASS MIGRATION (1ST PASS NE/SW, 2ND PASS SE/NW)

BANDPASS FILTER
FREQUENCY 10 -80 HZ
SLOPES 24/48 DB/OCT

GAIN

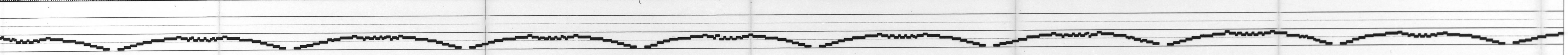
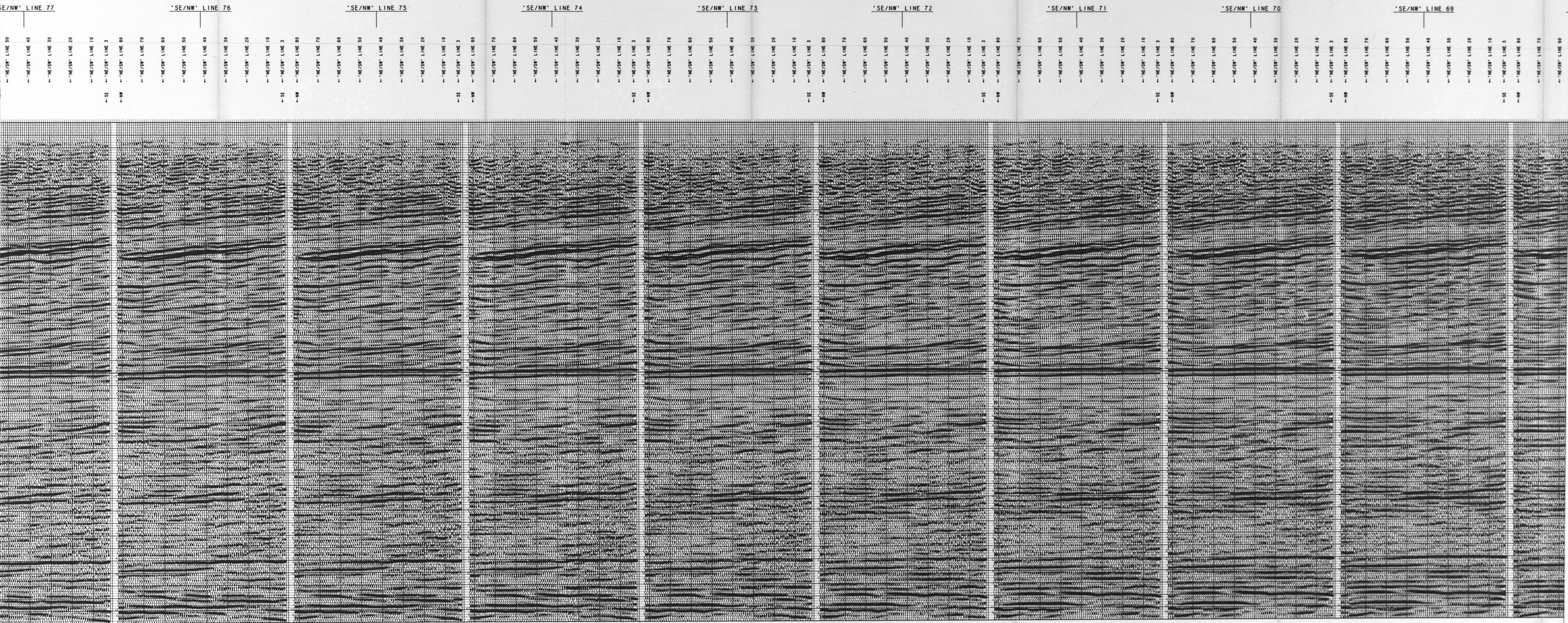
TYPE	RMS
WINDOW	300 - 300 WSEC

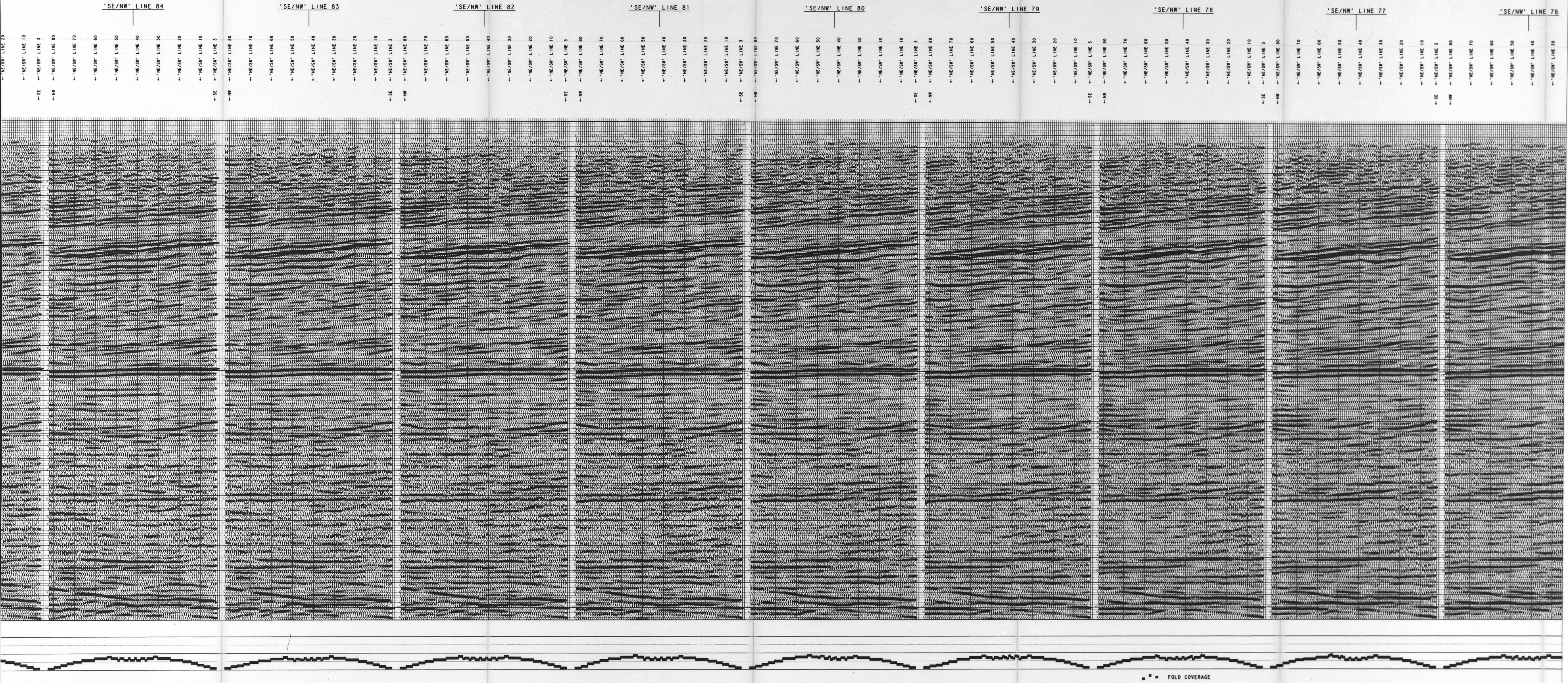
DISPLAY:	
HORIZONTAL SCALE	16.0 TRACES PER INCH
VERTICAL SCALE	7.5 INCHES PER SECOND
PLOTTING GAIN	12 DB

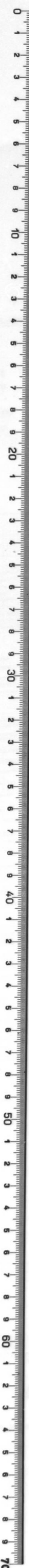
Canada Oil and Gas Lands
Administration
Administration du pétrole et du gaz
des terres du Canada

MAR 19 1990

Resource Evaluation Branch
Direction de l'évaluation des
Ressources







'SE/NW' LINE 86

'SE/NW' LINE 87

'SE/NW' LINE 88

'SE/NW' LINE 89

'SE/NW' LINE 90

'SE/NW' LINE 91

'SE/NW' LINE 92

'SE/NW' LINE 93

'SE/NW' LINE 94

TIME (S)	WAVELENGTH (M)	VELOCITY (M/S)	STATION
0.00	1.00	1000	1
0.05	1.00	1000	2
0.10	1.00	1000	3
0.15	1.00	1000	4
0.20	1.00	1000	5
0.25	1.00	1000	6
0.30	1.00	1000	7
0.35	1.00	1000	8
0.40	1.00	1000	9
0.45	1.00	1000	10
0.50	1.00	1000	11
0.55	1.00	1000	12
0.60	1.00	1000	13
0.65	1.00	1000	14
0.70	1.00	1000	15
0.75	1.00	1000	16
0.80	1.00	1000	17
0.85	1.00	1000	18
0.90	1.00	1000	19
0.95	1.00	1000	20
1.00	1.00	1000	21
1.05	1.00	1000	22
1.10	1.00	1000	23
1.15	1.00	1000	24
1.20	1.00	1000	25
1.25	1.00	1000	26
1.30	1.00	1000	27
1.35	1.00	1000	28
1.40	1.00	1000	29
1.45	1.00	1000	30
1.50	1.00	1000	31
1.55	1.00	1000	32
1.60	1.00	1000	33
1.65	1.00	1000	34
1.70	1.00	1000	35
1.75	1.00	1000	36
1.80	1.00	1000	37
1.85	1.00	1000	38
1.90	1.00	1000	39
1.95	1.00	1000	40
2.00	1.00	1000	41
2.05	1.00	1000	42
2.10	1.00	1000	43
2.15	1.00	1000	44
2.20	1.00	1000	45
2.25	1.00	1000	46
2.30	1.00	1000	47
2.35	1.00	1000	48
2.40	1.00	1000	49
2.45	1.00	1000	50
2.50	1.00	1000	51
2.55	1.00	1000	52
2.60	1.00	1000	53
2.65	1.00	1000	54
2.70	1.00	1000	55
2.75	1.00	1000	56
2.80	1.00	1000	57
2.85	1.00	1000	58
2.90	1.00	1000	59
2.95	1.00	1000	60
3.00	1.00	1000	61
3.05	1.00	1000	62
3.10	1.00	1000	63
3.15	1.00	1000	64
3.20	1.00	1000	65
3.25	1.00	1000	66
3.30	1.00	1000	67
3.35	1.00	1000	68
3.40	1.00	1000	69
3.45	1.00	1000	70
3.50	1.00	1000	71
3.55	1.00	1000	72
3.60	1.00	1000	73
3.65	1.00	1000	74
3.70	1.00	1000	75
3.75	1.00	1000	76
3.80	1.00	1000	77
3.85	1.00	1000	78
3.90	1.00	1000	79
3.95	1.00	1000	80
4.00	1.00	1000	81
4.05	1.00	1000	82
4.10	1.00	1000	83
4.15	1.00	1000	84
4.20	1.00	1000	85
4.25	1.00	1000	86
4.30	1.00	1000	87
4.35	1.00	1000	88
4.40	1.00	1000	89
4.45	1.00	1000	90
4.50	1.00	1000	91
4.55	1.00	1000	92
4.60	1.00	1000	93
4.65	1.00	1000	94
4.70	1.00	1000	95
4.75	1.00	1000	96
4.80	1.00	1000	97
4.85	1.00	1000	98
4.90	1.00	1000	99
4.95	1.00	1000	100

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0.00	1.00	1000	1
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0.30	1.00	1000	7
0.35	1.00	1000	8
0.40	1.00	1000	9
0.45	1.00	1000	10
0.50	1.00	1000	11
0.55	1.00	1000	12
0.60	1.00	1000	13
0.65	1.00	1000	14
0.70	1.00	1000	15
0.75	1.00	1000	16
0.80	1.00	1000	17
0.85	1.00	1000	18
0.90	1.00	1000	19
0.95	1.00	1000	20
1.00	1.00	1000	21
1.05	1.00	1000	22
1.10	1.00	1000	23
1.15	1.00	1000	24
1.20	1.00	1000	25
1.25	1.00	1000	26
1.30	1.00	1000	27
1.35	1.00	1000	28
1.40	1.00	1000	29
1.45	1.00	1000	30
1.50	1.00	1000	31
1.55	1.00	1000	32
1.60	1.00	1000	33
1.65	1.00	1000	34
1.70	1.00	1000	35
1.75	1.00	1000	36
1.80	1.00	1000	37
1.85	1.00	1000	38
1.90	1.00	1000	39
1.95	1.00	1000	40
2.00	1.00	1000	41
2.05	1.00	1000	42
2.10	1.00	1000	43
2.15	1.00	1000	44
2.20	1.00	1000	45
2.25	1.00	1000	46
2.30	1.00	1000	47
2.35	1.00	1000	48
2.40	1.00	1000	49
2.45	1.00	1000	50
2.50	1.00	1000	51
2.55	1.00	1000	52
2.60	1.00	1000	53
2.65	1.00	1000	54
2.70	1.00	1000	55
2.75	1.00	1000	56
2.80	1.00	1000	57
2.85	1.00	1000	58
2.90	1.00	1000	59
2.95	1.00	1000	60
3.00	1.00	1000	61
3.05	1.00	1000	62
3.10	1.00	1000	63
3.15	1.00	1000	64
3.20	1.00	1000	65
3.25	1.00	1000	66
3.30	1.00	1000	67
3.35	1.00	1000	68
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3.65	1.00	1000	74
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3.75	1.00	1000	76
3.80	1.00	1000	77
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4.45	1.00	1000	90
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4.70	1.00	1000	95
4.75	1.00	1000	96
4.80	1.00	1000	97
4.85	1.00	1000	98
4.90	1.00	1000	99
4.95	1.00	1000	100

