

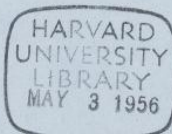
KG
11365
247

L.9

KG-11365.247

KG 11365.247

KG 11365.247



Comparisons with Zones 115 and 116 for beginning of Zones 63 and 64.

Zone 115				Zone 116.				C.
18	1	57.30	+0.18	18	1	57.40	+0.25	57.56
	2	6.15			2	6.20		6.39
	2	22.00			2	22.20		22.34

Comparisons with Zones 67 and 68 for the end of Zones 63 and 64.

Zone 67.					Zone 68.				
19	43	9.40	+0.40	+0.	19	43	9.60	+0.20	9.80
	43	27.85	0.40			43	28.10		28.24
	44	55.00	0.40			44	55.10		55.35
	45	24.00	0.40			45	24.20		24.40

N.

8.50	64
+ 8.36	+ 2.91
8.44	3.04
8.56	2.76

+5.10	-0.55
5.22	0.58
5.25	0.35
5.20	0.45

Zone 115

0° 21' 31" -14.2

22 32.0

23 49.0

Zone 116

0° 21' 23" -6.0

22 24.0

23 42.0

16.9

17.9

35.4

Zone 67.

0° 21' 29" +1.0

28 40.0

28 40.0

30 4.0

Zone 68

0 21 30.0 +1.2

28 41.0

28 0.0

30 3.0

30.6

41.6

11.6

4.6

<u>63</u>	<u>64</u>
-8.1	-5.1
6.1	5.1
8.1	4.6

+ 7.6	-10.4
7.6	9.4
6.6	8.4
6.6	7.4

Comparisons with Zones 113 and 114 for the beginning of Zones 65 and 66.

Zone 113

17 52 2.15 -0.09
 52 52.15
 53 6.20

Zone 114.

17 52 2.40 -0.43 2.16
 52 52.50 52.06
 53 5.90 5.79

Comparisons with Zones 69 and 70 for the end of Zones 65 and 66.

Zone 69.

19 44 ^{54.10} ~~53.90~~ -0.50
 45 2.80
 46 4.00

Zone 70.

19 44 53.55 -0.46 53.54
 45 2.25 2.24
 46 3.45 3.44

V. O.

+ 3.26
 3.36
~~5.8~~
 - 0.36
 0.91
~~7.15~~

+ 2.86
 2.86
 -0.56
 0.71

Zone 113.

+ 00 ~~35~~ ~~34~~ 30 -0.2
 34 30
 34 29

Zone 114.

0 25 18.0 -5.2
 28 33
 34 32

13.3
 28.8
 24.8

0 35 26 -3.4
 38 7
 38 0

0 35 26 -3.6
 38 7
 37 58

22.5
 3.5
 55.5

21 1

- 7.7
 8.2

- 8.7
 9.2

- 14.4
 14.5

~~14.4~~
~~14.5~~

Comparisons with Zones 63 and 64 for the beginning of Zones 64 and 68

Zone 63.					Zone 64.				
							C'	C	
19	43	47.0	-0.94		19	43	10.35	-0.35	52
	43	30.5				43	28.85		52
	44	50.70				44	55.70		52
	45	19.20				45	24.85	.53	52
								24.39	24.35

Comparisons with Zones 73 and 74 for the end of Zones 64 and 68.

Zone 73.					Zone 74.				
21	36	29.80	-1.01	0.82	21	36	29.35	-0.56	0.38
	37	43.30				37	43.00		
	38	11.75				38	11.25		
	38	48.55				38	48.95		
		C-0							
		+0.49					+0.29		
		0.51					0.21		
		0.26					0.16		
		0.39					0.19		
		-0.26					-0.26		
		0.49					0.59		
		0.25					0.38		
		(0.89)					0.89		

June 63.

$0^{\circ} 28' 23'' -13.2$
 $28 \ 34$
 $29 \ 58 -12.1$
 $29 \ 58$

June 64.

$0^{\circ} 21' 41'' -10.3$
 $28 \ 51 -10.4$
 $28 \ 10$
 $30 \ 12$

$24' 28.7 +0.5$
 29.4
 39.5
 59.6
 2.0

$0 \ 24 \ 7 -2.8 -1.2$
 $23 \ 10$
 $23 \ 30$
 $21 \ 31$

$0 \ 26 \ 57 +1.4 da$
 $23 \ 2$
 $23 \ 21$
 $21 \ 23$

58.3
 2.3
 21.8
 23.3

-0.1
 0.5
 1.4
 2.0

-1.1
 1.5
 0.4
 1.0

-10.7
 7.7
 11.2
 6.7

-10.7
 7.7
 10.2
 8.7

Comparisons with Zones 65 and 66 for the beginning of Zones 69 and 70.

Zone 65

Zone 66

19 44 53.90 - 0.69
45 2.85
46 5.10

19 44 54.10 - 0.70
45 2.95
46 5.50

53.21

2.22

4.61

Comparisons with Zones 71 and 72 for the end of Zones 69 and 70.

Zone 71

Zone 72

20 48 17.90 + 0.25
48 38.20
49 2.95

20 48 17.90 + 0.14
48 38.15
49 3.05

18.10

38.37

3.20

C. 0

- 0.79

- 0.54

+ 0.19

- 0.80

1.13

0.85

- 0.24

- 0.03

+ 0.24

- 0.50

0.53

0.55

Zone 65.

$0^{\circ} 35' 34'' - 170$
 38 18
 33 10

Zone 66

$0 35 39 - 17.6$
 38 19
 33 12
 20.7
 1.2
 -1 (52.7)

Zone 71.

$0 33 11 - 0.2$
 34 53
 38 35

Zone 72

$0 33 9 + 2.2$
 34 51
 38 33
 11.0
 53.0
 35.0

C-48

-5.3
 5.8
 8.3

-5.3
 5.8
 8.3

-2.0
 2.0
 2.0

-0.0
 2.0
 1.0

Comparisons with Zones 69 and 70 for the beginning of Zones 71 and 72.

Zone 69.

20 48 18.90 - 0.75
48 39.50
49 4.05

Zone 70.

20 48 18.60 - 0.20 18.84
48 38.90 38.43
49 3.75 3.42

Comparisons with Zones 77 and 78 for the end of Zones 71 and 72.

Zone 77.

22 19 5.65 - 0.42
21 34.00
22 12.05

Zone 78.

22 19 5.85 + 0.30 5.39
21 34.30 33.79
22 12.00 11.66

C. O.

+ 0.37
0.53
0.47

- 0.21
0.31
0.34

+ 0.37
0.58
0.37

- 0.46
0.36
0.44

Zone 69.

$0^{\circ} 33' 13'' - 4.0$
 34 55
 38 37

Zone 70.

$0^{\circ} 33' 11'' - 4.0$
 34 55
 36 36

8.0
 0.0
 32.5

Zone 77.

$0^{\circ} 38' 15'' + 4.0$
 33 42
 32 58

Zone 78.

$0^{\circ} 38' 16'' + 3.0$
 33 43
 32 58

19.0
 46.0
 +1-1.5

-3.0

2.0

2.5

+1-23.0

-0.5

-1.0

0.0

0.5

1 22.0 }
 1 26.0 }
 6.5

Comparison with Zones 67 and 68 for the beginning of Zones 73 and 74.

Zone 67.

Zone 68.

21 36 29.05 + 0.03
37 42.85
38 11.09
38 48.85

21 36 29.05 - 0.15 28.99
37 42.95 42.84
38 11.10 10.99
38 48.85 48.79

Comparison with Zones ~~73~~ 76 for the End of Zones 73 and 74.

~~Zone 73~~
~~36 42 34.50~~
~~44 32.80~~
~~45 42.40~~

22 42 33.10 + 0.40 33.50
44 33.25 32.65
45 42.95 42.25

No comparison with Zone 75.

- 0-0

0-0

- 0.80

- 0.36

0.40

0.16

0.76

0.26

0.76

0.16

- 1.00

- 0.50

1.15

0.60

1.05

0.70

Zone 67

+ 0° 27' 9" - 4.0

23 10

23 33

21 30

Zone 68.

+ 0° 24' 9" - 5.0

23 10

23 32

21 32

4.5

5.5

28.0

26.5

Zone 76.

+ 0 25 57 - 2.5

27 6

28 15

54.5

3.5

4.5

Co

- 2.5

4.5

2.0

4.5

+ 7.5

3.5

7.0

3.5

+ 7.5

3.5

3.5

Comparisons with Zones 73 and 74 for the beginning of Zones ~~75 and 76~~.

Zone 73.

h m s
22 42 54.50 - 1.20
44 34.80
45 44.40

Zone 74.

h m s
22 42 54.00 - 0.95
44 34.25
45 44.05

~~52.27~~ 53.27
~~33.00~~ 33.55
~~43.00~~ 43.25

Comparisons with Zones 83 and 84 for the End of Zones 75 and 76.

Zone 83.

h m s
0 42 42.60 + 0.37
43 56.90
45 0.90

Zone 84.

h m s
0 42 41.90 + 0.18
43 56.80
45 0.45

42.52
57.13
0.95

C-o.

-0.73
1.57
0.85

C-o

+ 0.17
0.30
0.30

+ 0.17
-0.57
+ 0.25

Zone 73.

 $+0^{\circ} 26' 6'' - 7.6$

27 16

28 28

Zone 74.

 $+0^{\circ} 25' 57'' + 1.2$

27 7

28 18

58.8

9.3

19.8

Zone 83.

 $+0^{\circ} 24' 52'' - 9.4$

29 40

24 10

Zone 84.

 $+0^{\circ} 24' 52'' - 5.8$

29 40

24 10

44.4

32.4

2.4

 $+ 1.3$

3.3

4.8

 $- 6.6$

7.6

8.6

 $- 5.6$

2.6

7.6

Comparisons with Zones 71 and 72 for the beginning of Zones 74 and 78.

Zone 71.

20 19 5.60 +0.20
21 34.10
22 12.00

Zone 72.

22 19 5.85 - 0.35 5.65
21 34.15 34.05
22 12.10 11.94

Comparison with Zone 80 for the end of Zones 74 and 78.

Zone 80.

23 28 0.80 0.00 0.80
28 47.20 47.20
29 33.90 33.90

No comparison with Zone 79.

A-O.

0.00
+0.05
-0.08

-0.20
0.25
0.03

-0.45
+0.65
-0.30

-0.40
~~0.00~~
-0.65

Zone 71.

$\pm 0^{\circ} 36' 56'' - 11.0$

33 10

Zone 72.

$0^{\circ} 36' 57'' - 8.0$

32 20

33 8

17.5

12.0

0.0

Zone 80.

$+ 0^{\circ} 30' 24''$

0.0

34.0

32 19

19.0

37 3

3.0

$+ 5.5$

4.0

2.0

∓ 1.0

1.0

1.0

$+ 4.5$

5.0

2.0

$- 1.0$

0.0

0.0

Comparison with Zone 79 and 78 for the beginning of Zone 80.

Zone 77

23 28 1.25 - 0.40
 28 48.95
 29 34.20

Zone 78.

23 28 1.00 - 0.55 0.40
 28 47.80 46.65
 29 34.55 33.90

Comparison with Zone 81 and 82 for the End of Zone 79 and 80.

Zone 81.

24 21 4.10 + 0.30
 21 25.15
 21 26.25

Zone 82.

24 21 4.95 - 0.45 4.45
 21 25.95 ~~25.45~~ 25.47
 21 24.20 26.65

C-o

+ 0.10
 0.25
 0.00

C-o

- 0.45
 0.68
 0.45

- 0.15
 .28
 10

Lone 74

+ 0° 30' 25" 0.0
 34 38
 37 2

Lone 78

+ 0° 30' 25" - 2.0 24.0
 34 34 35.0
 37 3 1.5

Lone 81

+ 0° 32' 16" - 6.0
 34 41
 38 01

Lone 67

+ 0° 32' 5" + 4.0 9.5
 34 30 34.5
 37 51 55.0

0.0

+ 1.0

- 1.5

- 5.5

5.5

3.0

- 6.5

4.5

5.0

Comparison with Zones 79 and 80 for the beginning of Zones 81 and 82.

Zone 79. One star of comparison only. Zone 80.

D^N 21 ^m 55.20	Not good.	OK 21 ^m 55.60
21 26.15		21 25.75
21 29.10		21 26.75

Comparisons with Zones 85 and 86 for the end of Zones 81 and 82.

Zone 85.

Zone 86.

2^N 23^m 49^s 40 + 0.15

24 10.65
24 35.10

2^N 23 ^m 49 ^s 45 + 0.53	49.96
10.85	11.09
35.05	35.41

C-8

~~1.10~~

+ 2.66
2.79
2.71

+ 2.06
2.24
1.81

Zone 79.

+ 0° 32' 15"

34 40

37 58

Zone 80.

+ 0° 32' 16"

34 39

38 0

Zone 85.

+ 0° 34' 31" -25.5

40 30

32 14

Zone 86.

0° 34' 10" -1.3

40 8

31 54

7.1

5.6

20.6

+ 12.1

9.6

10.6

+ 19.1

15.6

20.6

Comparisons with Zones 75 and 76 for the beginning of Zones 83 and 84.

Zone 75.

$\begin{array}{r} \lambda \quad m \quad v \\ 0 \quad 42 \quad 43.25 - 0.84 \\ 43 \quad 58.40 \\ 46 \quad 1.80 \end{array}$

Zone 76.

$\begin{array}{r} \lambda \quad m \quad v \\ 0 \quad 42 \quad 42.35 + 0.12 \\ 43 \quad 57.40 \\ 46 \quad 0.70 \end{array}$

$\begin{array}{r} 42.44 \\ 57.84 \\ 0.69 \end{array}$

Comparisons with Zones 87 and 88 for the End of Zones 83 and 84.

Zone 87

$\begin{array}{r} \lambda \quad m \quad v \\ 2 \quad 42 \quad 53.95 - 0.26 \\ 43 \quad 41.05 \\ 45 \quad 9.00 \\ 47 \quad 1.00 \end{array}$

Zone 88

$\begin{array}{r} \lambda \quad m \quad v \\ 2 \quad 42 \quad 53.80 - 0.18 \\ 43 \quad 41.00 \\ 45 \quad 8.80 \\ 47 \quad 0.80 \end{array}$

$\begin{array}{r} 53.65 \\ 40.81 \\ 8.68 \\ 0.68 \end{array}$

" C-0

$\begin{array}{r} - 0.16 \\ + 0.94 \\ - 0.01 \end{array}$

$\begin{array}{r} + 0.54 \\ 1.01 \\ 0.46 \end{array}$

$\begin{array}{r} + 2.15 \\ 2.01 \\ 2.23 \end{array}$

$\begin{array}{r} + 2.55 \\ 2.53 \\ 2.63 \end{array}$

Zone 75.

 $+ 0^{\circ} 24' 51'' - 3.6$

29 40

24 9

Zone 76.

 $+ 0^{\circ} 24' 50'' - 3.0$

29 35

24 10

44.2

34.2

6.2

Zone 87.

 $+ 0^{\circ} 25' 39'' 0.0$

21 15

29 2

27 13

Zone 88

 $0^{\circ} 25' 39'' + 0.6$

21 15

~~28 55~~ 29 1

27 12

39.3

15.3

1.8

12.8

- 4.8

5.8

3.8

+ 0.3

2.3

- 3.2

- 4.8

5.8

3.8

+ 7.3

6.8

7.8

Comparisons with Zones 81 and 82 for the beginning of Zones 85 and 86.

Zone 81.
 λ μ ν
 2 23 47.30 -0.18
 24 8.30
 24 32.76

Zone 82.
 λ μ ν
 2 23 47.90 -0.99 47.02
 24 8.85 7.99
 24 33.60 32.56

Comparisons with Zones 89 and 90 for the ^{End} beginning of Zones 85 and 86.

Zone 89.
 λ μ ν
 4 28 15.10 +0.50
 28 27.20
 29 13.30

Zone 90.
 λ μ ν
 4 28 14.90 +0.73 15.61
 28 20.95 21.89
 29 13.00 13.76

4-0
 -2.78
 2.66
 2.54

+0.01
 -0.11
 -0.09

-2.43
 2.86
 2.49

-0.21
 0.01
 0.09

Zone 81

+ 0° 33' 55" - 3.5
 39 56
 31 40

Zone 82.

+ 0° 33' 46" + 9.4
 39 50
 31 30
 54.5
 56.0
 38.0

Zone 89

+ 0° 35' 35" - 2.1
 39 38
 36 17

Zone 90.

0° 35' 35" - 2.9
 39 40
 36 19
 31.5
 36.5
 15.5

- 36.5
 34.0
 36.0

- 15.5
 12.0
 16.0

- 28.5
 28.5
 32.5

- 6.5
 3.5

Comparisons with Zones 83 and 84 for the beginning of Zones 87 and 88.

Zone 83.

Zone 84.

λ m s
 2 42 51.50 - 0.80
 43 38.80
 45 6.45

λ m s
 2 42 51.10 - 0.40 50.70
 38.00
 44 43.40 43.00
 45 6.15 5.70

Comparisons with Zones 91 and 92 for the end of Zones 87 and 88

Zone 91

Zone 92.

λ m s
 4 51 41.00 + 0.65
 51 42.35
 52 58.40

λ m s
 4 51 41.15 + 0.65 41.72
 51 42.65 43.15
 52 58.55 59.13

- 3.25
 3.05 } 10
 3.15 } 22
 3.30 }

- 3.10
 3.00 } 00
 3.00 } 00
 3.10 } 00

+ 0.12
 0.15
 0.33

- 0.08
 0.05

Zone 83.

0	1	2	
+0	25	39	-14.8
	21	13	
	29	5	

Zone 84.

0	1	2	
+0	25	32	-8.8
	28	45	
	28	55	

23.4
+ 58.2
36.2
48.2

Zone 91.

0	1	2	
+0	23	4	+4.8
	24	59	
	28	5	

Zone 92.

0	1	2	
+0	23	11	+2.6
	25	1	
	28	7	

13.2
3.4
9.4

-15.3
 16.8 }
 17.8 }
 18.8

-2.8
 2.3
 3.3

-15.3
 16.8 }
 16.8 }
 12.8

-3.8
 3.3
 3.3

Comparison with Zones 85 and 86 for the beginning of Zones 89 and 90

Zone 85

Zone 86

4^m 28^m 15.60 - 0.21
28 21.80
29 13.85

4^k 28^m 15.60 - 0.00 15.39
28 21.70 21.64
29 13.85 13.74

Comparison with Zones 93 and 94 for the end of Zones 89 and 90

Zone 93

Zone 94

6 33 37.50 + 0.50
35 12.85
36 35.00

6 33 37.95 - 0.04 37.95
35 13.15 13.23
36 35.50 35.48

C-0

89

90

+ 0.29
0.34
0.44

+ 0.49
.69
.74

- 0.45
0.47
0.52

- .10
+ .03
- .22

Zone 85.

0 36 0 - 30.0
 40 5
 36 48

Zone 86.

0 35 38 - 6.0 31.0
 39 40 34.5
 18.0

Zone 93

0 37 32 + 5.6
 38 19
 32 18

Zone 94

0 37 33 + 20 36.3
 38 19 22.8
 32 30 28.0

89.

+ 2.0
 + 3.5
 - 1.0

 - 5.4
 3.2
 - 7.0

90.

+ 4.0
 + 5.5
 + 1.0

 - 6.4
 4.2
 9.0

Comparisons ^{with} ~~of~~ Zones 84 and 86 for the beginning of Zones 91 and 92

Zone 84.

λ	m	v	
4	51	48.60	-0.46
	51	43.00	
	52	54.80	

Zone 86.

λ	m	v	
4	51	48.80	-0.40
	51	43.00	
			58.34

Comparisons with Zones 95 and 96 for the End of Zones 91 and 92

Zone 95.

λ	m	v	
6	58	12.60	+0.67
	58	38.05	
	59	11.80	

Zone 96

λ	m	v	
6	58	12.30	-0.25
	58	38.00	
	59	11.55	

C-O.

84

+ 0.27
+ 0.27
- 0.08

- 1.01
0.74
0.99

86

+ 0.12
- 0.03
- 0.21

- 1.26
1.14
1.29

Zone 84
 $+0^{\circ} 23' 18''$ -20
~~25 26~~
 28 13

Zone 88.
 $+0^{\circ} 23' 17''$ -1.5 15.2
~~25 26~~ 4.8
 28 13 11.2

Zone 95.
 $+0^{\circ} 29' 29''$ $+1.2$
 27 32
 24 4

Zone 96.
 $+0^{\circ} 29' 29''$ $+0.2$ 29.7
 27 33 33.2
 24 3 4.2

C-0

84
 $+7.2$
 5.8
 6.2

$+1.7$
 1.2
 $+1.2$

88
 $+1.2$
 3.8
 4.2

-1.3
 0.8
 0.8

Comparisons with Zones 89 and 90 for the beginning of Zones 93 and 94.

Zone 89.			Zone 90.		
λ	m	s	λ	m	s
6	33	38.40 - 0.41	6	33	38.05 - + 0.04
	35	13.70		35	13.20
	36	36.00		36	35.70

34.04
13.24
35.66

Comparisons with Zones 99 and 100 for the End of Zone 93 and 94

Zone 99.			Zone 100.		
λ	m	s	λ	m	s
8	22	28.75	8	22	28.85
		+ 0.64			+ 0.42
27	44	90	27	45	20
33	35	50	33	35	95

89
0-0

90

+ 0.54

0.42

0.46

+ 0.38

0.46

0.21

+ 0.09

0.12

+ 0.46

- 0.57

0.44

0.69

Zone 89

$$+0^{\circ} 37' 42'' - 2.8$$

$$38 \ 26$$

$$32 \ 35$$

Zone 90

$$+0^{\circ} 37' 43'' - 3.0$$

$$38 \ 24$$

$$32 \ 37$$

$$39.6$$

$$23.6$$

$$33.1$$

Zone 99.

$$+0^{\circ} 30' 6'' - 3.0$$

$$36 \ 20$$

$$38 \ 11$$

Zone 100.

$$+0^{\circ} 30' 4'' - 1.7$$

$$36 \ 19$$

$$38 \ 10$$

$$2.6$$

$$14.2$$

$$8.1$$

$$\frac{89}{C-0}$$

$$+7.6$$

$$4.6$$

$$15.1$$

$$+2.6$$

$$8.9$$

$$5.1$$

$$\frac{90}{C-0}$$

$$+6.6$$

$$4.6$$

$$3.1$$

$$0.6$$

$$5.2$$

$$0.1$$

Comparisons with Zones 91 and 92 for the beginning of Zones 95 and 96. 95 and 96.

Zone 91

6 56 13.00 -1.12
58 38.30
59 10.30

Zone 92.

6 58 13.25 -1.54 11.80
38.70 37.17
10.90 9.27

Comparisons with Zones 97 and 98 for the end of Zones 95 and 96

Zone 97.

h m s
8 25 12.80 +0.00
25 27.75
28 28.15

Zone 98.

h m s
8 25 13.00 +0.50 ~~13.45~~ 12.15
25 27.90 ~~27.97~~ 28.07
28 28.15 ~~28.40~~ 28.40

C-o

- 0.80
0.86
0.93

1.05
1.48
1.40

C-o

- 0.50
0.83
0.66

0.55
0.93
1.00

Zone 91.

+ 0° 29' 28" + 2.0
 28 59
 27 32

Zone 92.

+ 0° 29' 31" + 1.7 31.3
 29 1 1.8
 27 34 34.8

Zone 94.

+ 0° 24' 34" + 2.0
 28 1
 25 31

Zone 98.

+ 0° 24' 40" - 3.5 37.8
 28 4 1.7
 25 35 32.3

C-0

+ 2.3
 1.8
 2.8
 + (4.8)
 1.7
 2.3

C-0

+ 2.3
 0.8
 1.8
 - 0.2
 - 1.7
 2.3

97 and 98.

Comparisons with Zones 95 and 96 for the beginning of Zones 97 and 98.

Zone 95

Zone 96

$8^h 25^m 14^s 20 - 0.91$
 $25 - 29.55$
 $28 - 29.80$

$8^h 25^m 14.00 - 0.80$
 $25 - 29.00$
 $28 - 29.40$

13.24
 28.42
 28.75

Comparisons with Zones 101 and 102 for the end of Zones 97 and 98.

Zone 101.

Zone 102.

$9^h 44^m 49.80 - 0.08$
 $46 - 13.20$
 $47 - 34.60$

$9^h 44^m 49.30 + 0.48$
 $46 - 12.80$
 $47 - 34.05$

49.75
 13.20
 34.52

$+ 0.54$
 0.67
 0.60

$+ 0.34$
 0.62
 0.60

$+ 0.25$
 $+ 0.20$
 $+ 0.07$

$- 0.05$
 $+ 0.15$
 $- 0.18$

Zone 95

 $+ 0^{\circ} 25' 49'' + 1.8$
 28 0
 25 30

Zone 96

 $0^{\circ} 25' 46'' - 0.4$
 28 0
 25 30

 47.0
 4.5
 30.5

Zone 101

 $+ 0^{\circ} 29' 53'' - 2.4$
 21 50
 30 08

Zone 102

 $+ 0^{\circ} 29' 47'' + 3.6$
 21 42
 30 02

 50.6
 46.6
 52.6
 0.0
 $+0.5$
 -0.5
 -4.0
 -3.5
 -4.5
 $+1.6$
 $+2.6$
 $+2.6$
 -0.4
 -0.4
 -2.4

Comparisons with Zones 93 and 94 for the beginning of Zones 99 and 100

Zone 93

λ	μ	ν	
8	22	28.95	+ 0.20
	27	45.10	
	33	36.05	

Zone 94

λ	μ	ν	
8	22	29.90	- 0.65
	27	46.00	
	33	36.95	

Comparisons with Zones 103 and 105 for the end of Zones 99 and 100.

Zone 103

λ	μ	ν	
10	19	27.95	- 0.08
	24	21.95	
	24	25.60	

Zone 105

λ	μ	ν	
10	19	26.40	+ 1.22
	24	20.40	
	24	24.55	

C-0

C-0

99

100

+ 0.45

+ 0.35

0.42

0.12

0.78

0.33

- 0.09

- 0.34

+ 0.01

- 0.49

+ 0.50

- 0.15

Zone 93.

$$+ 0^{\circ} 30' 0'' + 3.0$$

$$36.9$$

$$38.3$$

Zone 94.

$$+ 0^{\circ} 30' 2'' + 0.5$$

$$36.12$$

$$38.8$$

$$2.4$$

$$12.2$$

$$7.2$$

Zone 103.

$$+ 0^{\circ} 35' 23'' - 0.8$$

$$37.48$$

$$37.26$$

Zone 105.

$$+ 0^{\circ} 35' 22'' 0.0$$

$$37.47$$

$$37.26$$

$$22.1$$

$$47.1$$

$$25.6$$

C-0

99

100

$$- 3.2$$

$$- 1.2$$

$$- 0.7$$

$$+ 1.3$$

$$- 3.8$$

$$- 2.8$$

$$- 4.9$$

$$- 5.9$$

$$- 3.9$$

$$4.9$$

$$- 4.4$$

$$4.4$$

[101 and 102]

Comparisons with Zones 97 and 98 for the beginning of Zones —

Zone 97.

9 44 49.50 + 0.30
 46 13.00
 47 34.45

Zone 98.

9 44 49.80 + 0.00 49.80
 46 13.05 13.17
 47 34.90 34.72

Comparisons with Zones 107 and 108 for the End of Zones 101 and 102.

11 46 9.80 + 0.39
 47 17.35
 49 4.85

11 46 9.35 + 0.69 10.11
 47 17.00 17.72
 49 4.05 5.24

Zone 101.

0-0

0.40
 - 0.03
 + 0.12

- 0.49
 0.58
 0.64

Zone 102.

+ 0.50
 0.37
 0.67

- 0.24
 0.02

Zone 97

+ 0° 29' 49" + 2.1
21 44
30 3

Zone 98

+ 0° 29' 51" - 1.9
21 47
30 8
50.1
45.6
5.6

+ 0° 29' 25" + 1.5
23 59
24 8

+ 0° 29' 25" + 1.3
23 59
24 7
26.4
+ 0.4
8.9

Zone 101

0-0

- 2.7
4.4
2.4

Zone 102

+ 3.1
3.6
3.6

- 4.6
6.6
6.7

+ 4.4
5.4
3.9

103 and 105

Comparisons with Zones 99 and 100 for the beginning of Zones 103 and 105

Zone 99

10 19 28.00 -0.17
 24 21.45
 24 25.15

Zone 100.

10 19 28.25 -0.37
 24 22.25
 24 25.80

27.84
 21.73
 25.20

No comparison for End.

S.O.
 Zone 103.

- 0.10
 - 0.22
 - 0.40

Zone 105.

+ 1.15
 1.33
 0.62

Zone 99

+ 0° 35' 27" -3.6
 37 51
 37 31

Zone 100.

+ 0° 35' 28" -4.4
 37 52
 37 30

23.5
 44.5
 26.0

Zone 103.

+ 0.5
 - 0.5
 0.0

Zone 104.

+ 1.5
 - 0.5
 0.0

104 and 106

beginning

Comparisons with Zones 101 and 102 for the end of Zones 107 and 108

Zone 101

Zone 102

11 46 10.90 -0.85
 47 18.30
 47 47.00

11 46 12.35 -0.02
 47 17.75
 46.35

10.29

17.69

46.35

Comparisons with Zones 109 and 110 for the end of Zones 107 and 108.

Zone 109

Zone 110

13 49 3.60 -0.32
 49 24.75
 49 57.65

13 49 3.20 +0.25
 49 19.85
 49 57.25

3.36

(24) 01

57.42

C-0
Zone 107

Zone 108

+0.49
 0.34
 0.15

+0.94
 0.69
 0.70

-0.64

-0.59

0.69

0.44

0.73

0.43

Zone 101.

+0° 29' 31" -5.5
 25 4
 25 51

Zone 102.

+0° 29' 20" +3.4
 23 55
 24 0.0
 25.5

Zone 109

+0° 30' 28" -7.3
 24 1
 22 16

Zone 110.

+0° 30' 24" -0.7
 23 56
 22 11
 22.0
 23.5
 9.5

Zone 107

+ 0.5
 1.0
 3.5

Zone 108.

+ 0.5
 1.5
 2.5

+ 4.0
 5.5
 2.5

+ 3.0
 5.5
 0.5

Comparisons with Zones 107 and 108 for the beginning of Zone 109 and 110

Zone 107.

h m s
13 49 46.00 -0.71
49 20.70
49 58.15

Zone 108.

h m s
13 49 3.95 -0.42 2.41
49 20.45 20.61
49 57.85 57.44

Comparisons with Zones 115 and 116 for the End of Zone 109 and 110.

Zone 115.

15 54 43.45 +1.70
55 30.10
55 50.80

Zone 116.

15 54 43.20 +1.93 45.24
55 29.95 34.94
55 50.45 52.54

C-a

109
-0.19
-0.24
-0.21

+0.74
0.69
9.54

110
+0.21
+0.16
+0.19

+1.21
0.70

Zone 107.

+ 0° 30' 18" +29
 23 49
 22 7

Zone 108.

+ 0° 30' 19" + 28 24.3
 23 49 51.9
 22 9 10.8

Zone 115.

+ 0° 27' 26" -13.3
 24 22
 23 12

Zone 116.

+ 0° 27' 14" - 5.2 12.2
 24 12 4.8
 23 4, -1- 58.8

109
 - 6.7
 9.1
 5.2

110
 - 2.7
 4.1
 - 0.2

- 13.8
 11.2
 12.2

- 6.8
 6.2
 7.2

No comparisons with Zones ^{and 106} 104 for the beginning of Zones 111 and 112.

111 and 112.

~~No comparison with 103~~
Zone 104

~~Zone 114~~
Zone 106

No comparisons.

Comparison with Zone 114 for the end of Zones 111 and 112.

Zone 114

10	7	58.86	-0.40	55.60
	8	5.95		55.55

C-0

111.
+ 0.70
0.75

112.
+ 0.15
0.05

Zone 114

 $+ 0^{\circ} 32' 21'' - 4.3$

36 17

19.7

12.7

$$\begin{array}{r} 111 \\ - 2.3 \\ \hline 4.3 \end{array}$$

$$\begin{array}{r} 112 \\ + 0.7 \\ \hline 0.7 \end{array}$$

113 and 114

Comparison with Zones 111 and 112 for the beginning of Zone 114.
 (No comparison for 113)

Zone 111

16 7 56.30 -1.12
 8 6.30

Zone 112

16 7 55.45 -0.34 55.14
 8 5.50 5.17

Comparison with Zones 65 and 66 for the End of Zone 113 and 114.

Zone 65.

17 51 58.90 +0.12
 52 48.70

C-0

Zone 113.

- 3.10
 3.25

Zone 66.

17 51 59.30 -0.23 59.05
 52 49.20 48.90

Zone 114.

- 0.86
 - 0.78

- 3.65
 3.60

Zone 111.

 $+ 0^{\circ} 32' 22'' + 2.0$
 36 17

Zone 112

 $+ 0^{\circ} 32' 19'' + 5.0$
 36 12

 24.0
 18.0

Zone 65.

 $+ 0^{\circ} 35' 21'' - 5.2$
 38 37

Zone 66.

 $+ 0^{\circ} 35' 22'' - 5.8$
 38 38

 16.0
 32.0

Zone 114

 0.0
 $+ 1.0$
 0.0
 $+ 1.0$
 $+ 2.0$
 2.0
 $- 2.0$
 $- 1.0$

Comparisons with Zones 109 and 110 for the beginning of Zones 115 and 116.

Zone 109.

15 54 44.50 - 0.76
 55 31.25
 55 52.00

Zone 110

15 54 44.00 - 0.07 43.84
 55 31.00 30.41
 55 52.00 51.24

Comp'ng with Zones 63 and 64 for the end of Zones 115 and 116

Zone 63.

18 1 43.00 - 0.76
 1 57.95
 2 13.80

Zone 64.

18 1 48.65 - 0.69 48.15
 2 3.35 2.98
 2 19.55 19.00

C-0

115

- 3.15
 Chv. 3.17
 3.20

116

- 3.25
 3.22
 3.20

Beginning + 0.39
 0.61
 0.44

+ 0.64
 1.93
 1.30

Zone 109

+ 0° 27' 26" - 7.4
 24 19
 23 11

Zone 110

+ 0° 24' 19" - 0.8
 24 14
 23 6
 18.4
 12.4
 4.4

Zone 69.

+ 0° 21' 25" - 66
 22 24
 23 42

Zone 64.

+ 0° 21' 22" - 2.0
 22 23
 23 40
 21.19.4
 19.4
 36.9

115.

- 11.6
 11.6
 12.1

116.

+ 3.6
 4.6
 5.1

- 7.6
 9.6
 7.6

+ 1.4
 0.4
 2.4

