













Evaluation	matrix f	or propa	agation	model

Criteria	IONCAP	Experiential	Weight <sup>1</sup>	Ion	Exp
Location	10	10	0	0	0
Software	10	10 (N/A)	1	10	10
PC	0	10 (N/A)	5	0	50
Pre-contest	10	10	0	0	0
Real-time	10	10	0	0	0
Cost	2 (compiler)	10 (N/A)	8	16	80
SCORE				26	140

Note 1: Rating of 10 = critical or not applicable (don't care); 1 = nice to have. However, Weight of 0 = 'must', can be cancelled out in calculation. If left in, will change the ratio; Weight of 10 most important

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## Example propagation probability table

Time	Frequency Band (M)				
(Hours)	10	15	20	40	80
0000	0	0	0	100	100
0400	0	10	50	100	100
0800	100	0	100	100	0
1200	100	0	100	100	0
1600	50	10	50	100	50
2000	0	0	0	100	100

- For W1/VE1 call area\*
  - Group of sections
- Limited to 10-80 M
- Time is EDT or Local
- Four hour time of day blocks
- Number indicates probability of propagation (%)

\* From Fig 5-10 in Kasser J., Software for Amateur Radio, TAB Books, 1984, page 83

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![](_page_9_Figure_2.jpeg)

![](_page_9_Picture_3.jpeg)

![](_page_10_Figure_2.jpeg)

![](_page_10_Picture_3.jpeg)

![](_page_11_Figure_2.jpeg)

![](_page_11_Picture_3.jpeg)

![](_page_12_Figure_2.jpeg)

![](_page_12_Picture_3.jpeg)

![](_page_13_Figure_2.jpeg)

![](_page_13_Picture_3.jpeg)

![](_page_14_Figure_2.jpeg)

![](_page_14_Figure_3.jpeg)

![](_page_15_Figure_2.jpeg)

![](_page_15_Picture_3.jpeg)

![](_page_16_Picture_2.jpeg)

![](_page_16_Figure_3.jpeg)

![](_page_17_Figure_2.jpeg)