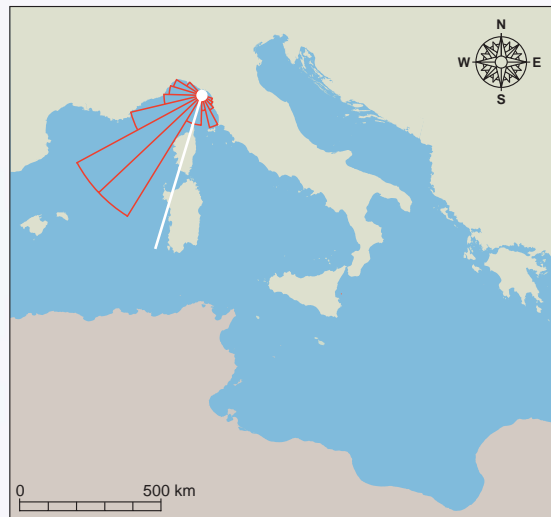




sintesi statistiche dei dati della stazione di **la spezia** [statistical summary](#)



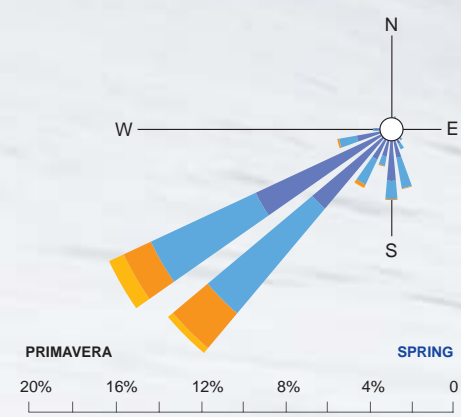
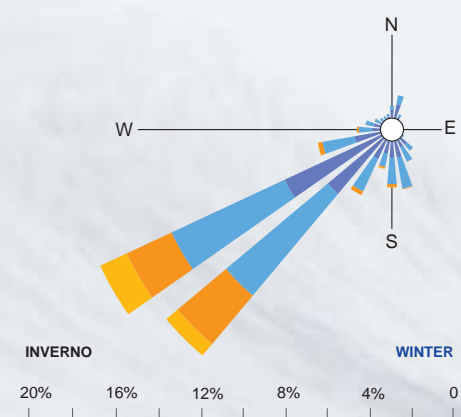
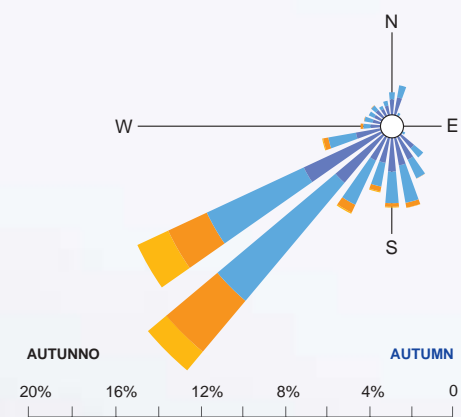
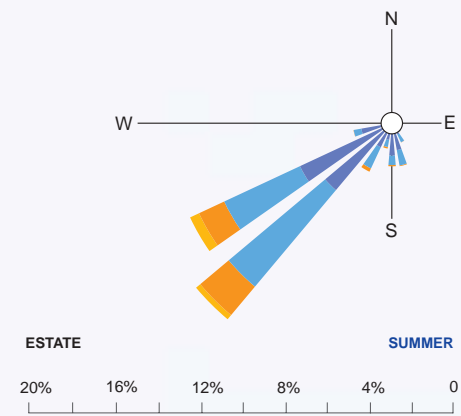
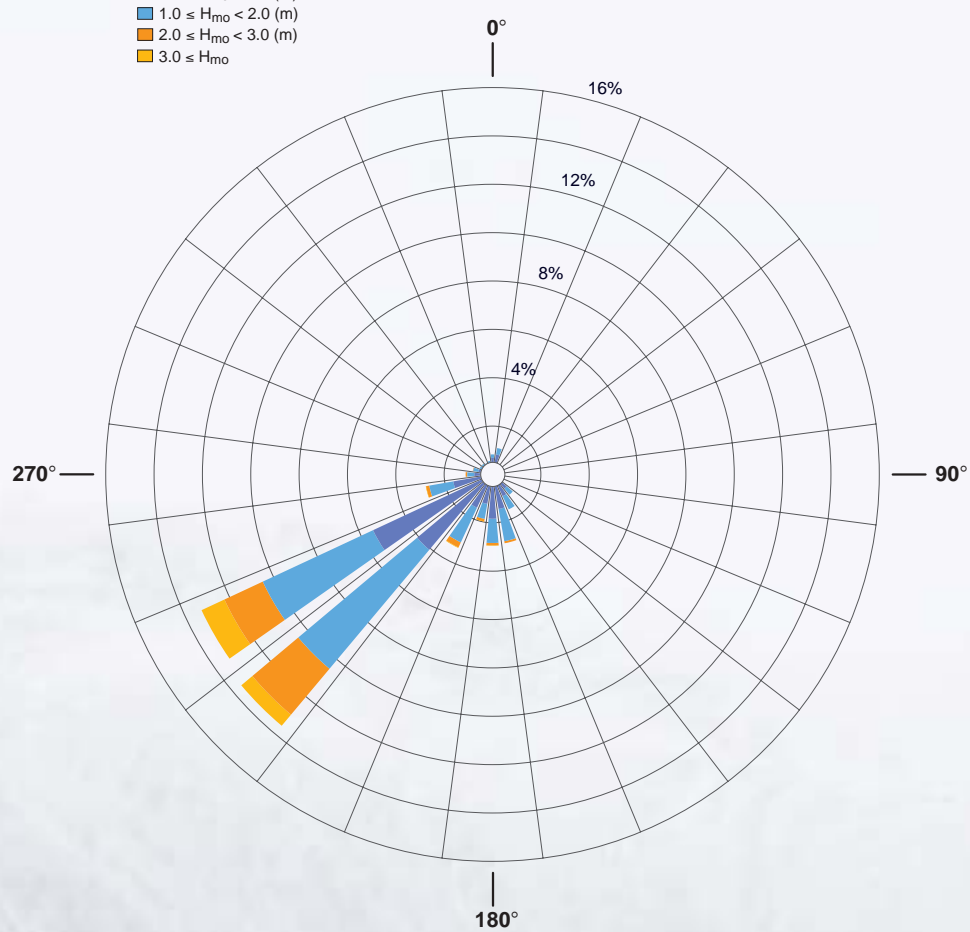
**CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION**

posizione geografica boa (43°55'42"N; 9°49'36"E)
 buoy geographical position
 profondità di ancoraggio 100 m
 anchoring waterdepth
 periodo di riferimento 01/07/1989-30/06/2001
 reference period
 rendimento complessivo 92.9%
 total efficiency
 massimo fetch efficace 239 km (dir 230°N)
 max effective fetch
 mareggiata più intensa del periodo
 $H_{mo} = 7.1$ m; $T_p = 10.0$ s; dir. 236°N; $\tau = 114$ ore (hours)
 1990/02/27 16.30
 most severe storm

**REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE**

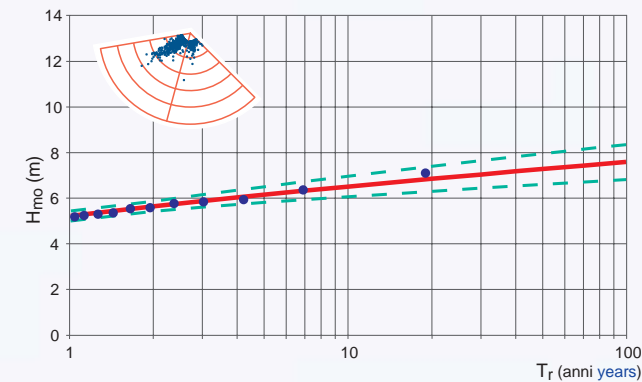
24 settori da 15° di ampiezza; calma ($H_{mo} < 0.5$) = 45,5%
 24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 45,5%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

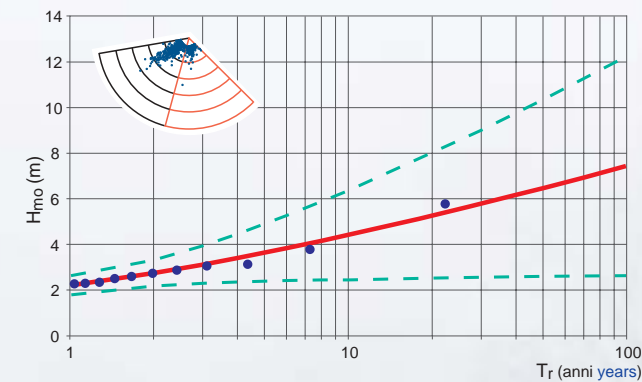


**ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)**

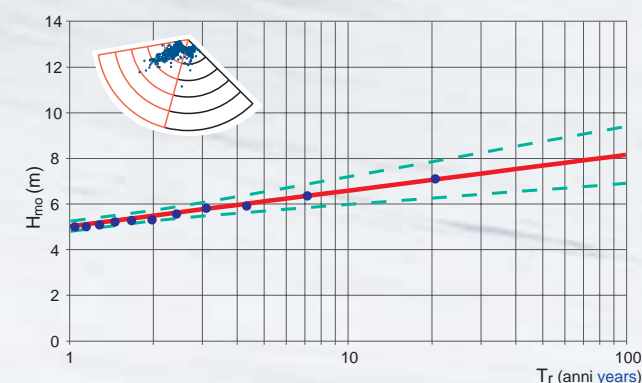
OMNIDIREZIONALE ALL DIRECTIONS



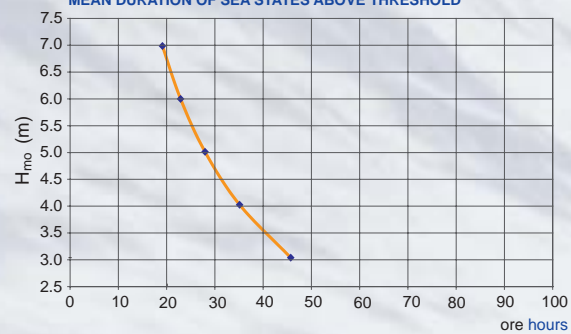
I SETTORE (135-195° N) SECTOR I



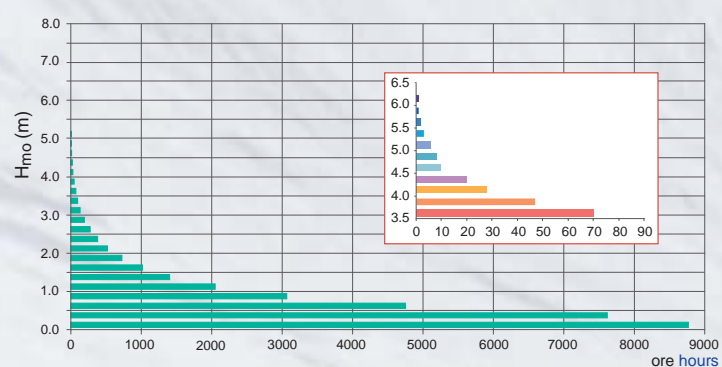
II SETTORE (195-260° N) SECTOR II



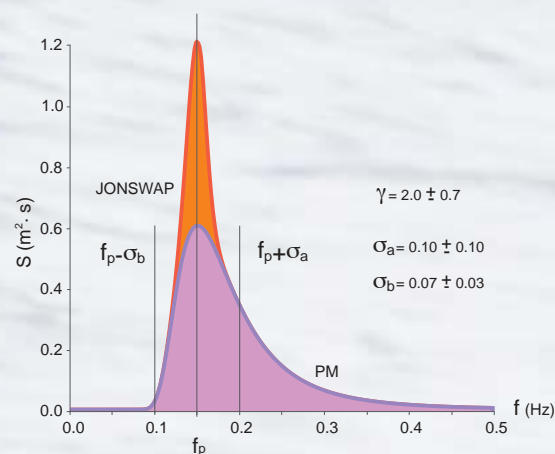
**DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD**



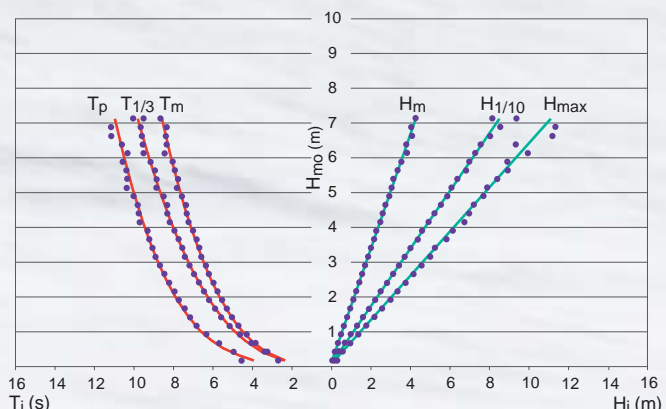
**CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS**



**FORMA SPETTRALE MEDIA
MEAN SPECTRUM**

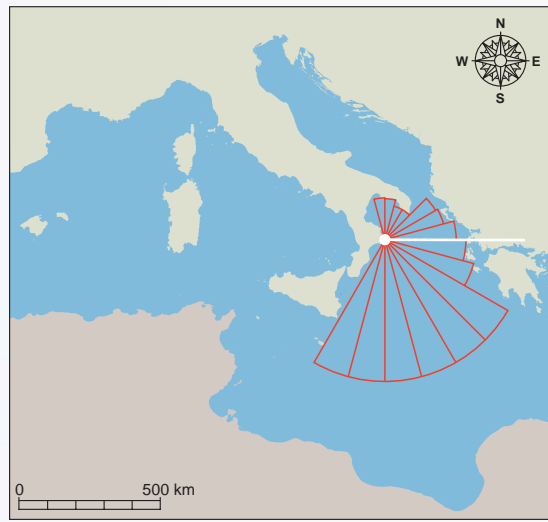


**CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS**





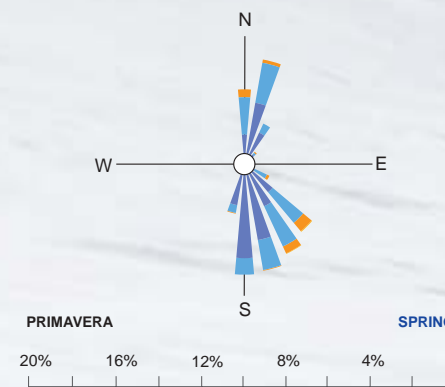
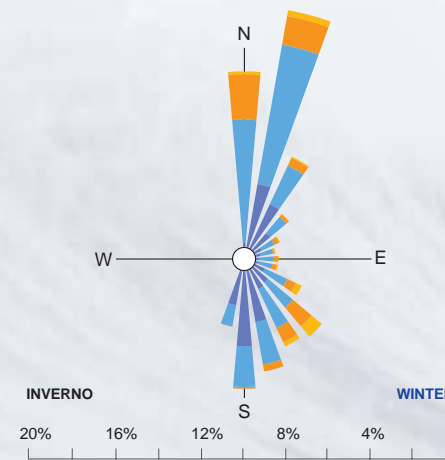
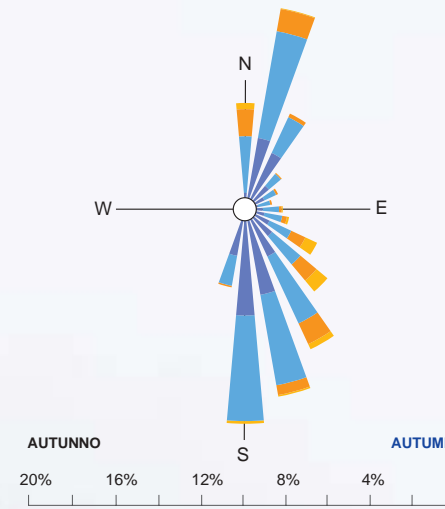
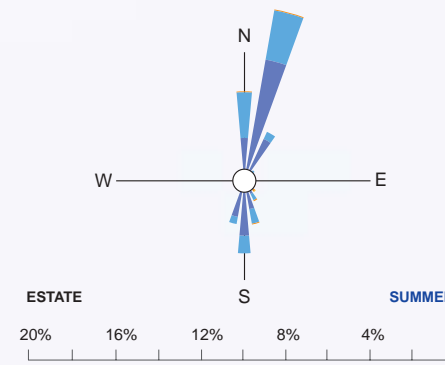
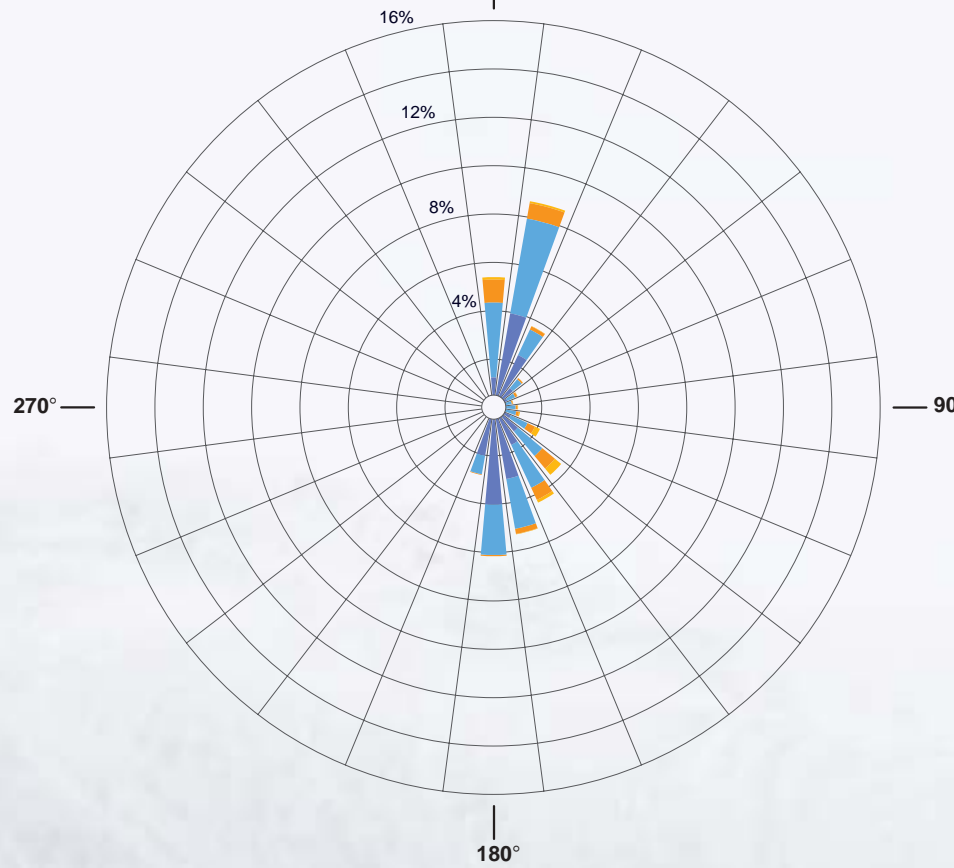
sintesi statistiche dei dati della stazione di **crotone** statistical summary



REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE

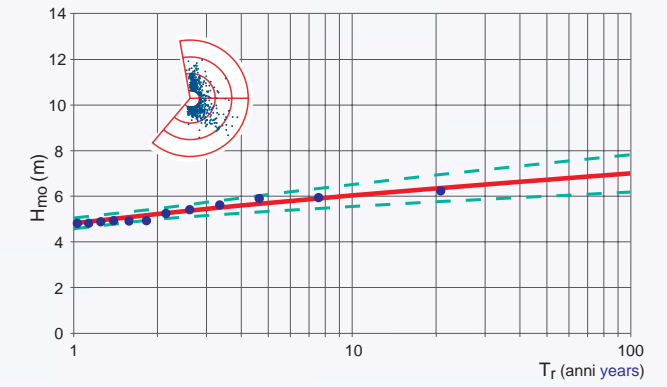
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 48,0%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 48,0%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

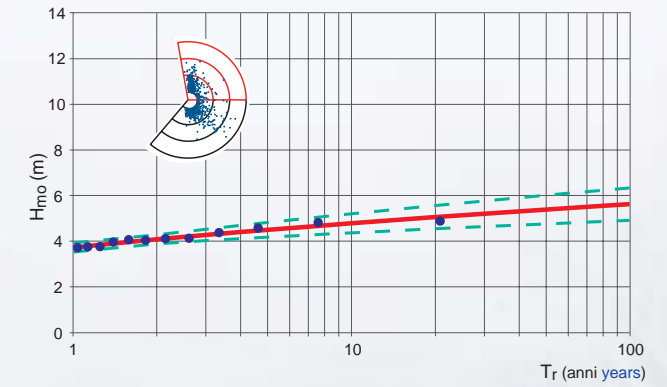


ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)

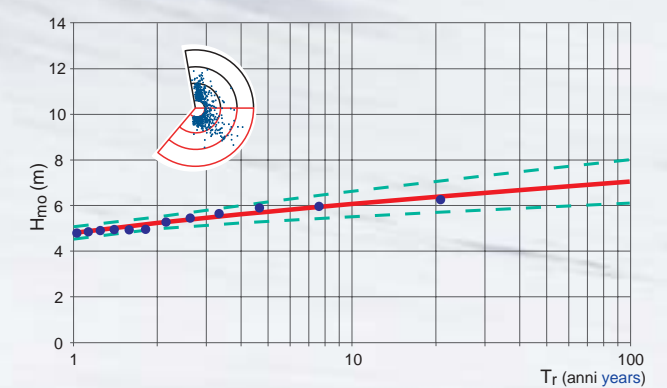
OMNIDIREZIONALE ALL DIRECTIONS



I SETTORE (350-90° N) SECTOR I



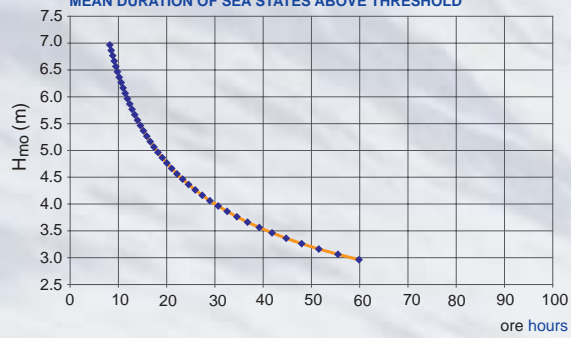
II SETTORE (90-220° N) SECTOR II



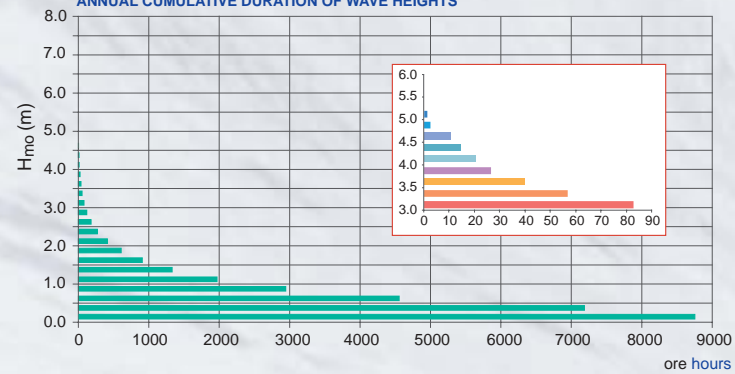
CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION

posizione geografica boa (39°01'06"N; 17°13'12"E)
buoy geographical position
profondità di ancoraggio 100 m
anchoring waterdepth
periodo di riferimento 01/07/1989-30/06/2001
reference period
rendimento complessivo 93.2%
total efficiency
massimo fetch efficace 361 km (dir 160°N)
max effective fetch
mareggiata più intensa del periodo
 $H_{mo} = 6.2$ m; $T_p = 11.1$ s; dir. 135°N; $\tau = 99$ ore (hours)
1994/02/18 16.30
most severe storm

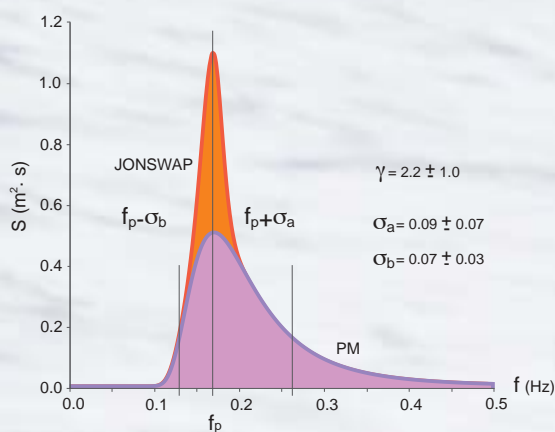
DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD



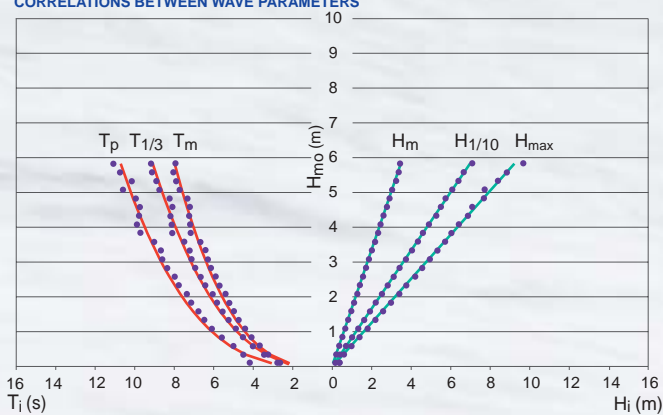
CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS



FORMA SPETTRALE MEDIA
MEAN SPECTRUM

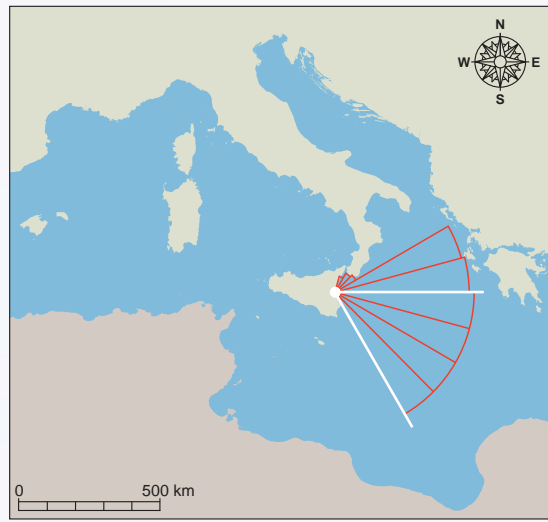


CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS





sintesi statistiche dei dati della stazione di **catania** statistical summary



**CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION**

posizione geografica boa (37°26'24"N; 15°8'48"E)
buoy geographical position

profondità di ancoraggio 100 m
anchoring waterdepth

periodo di riferimento 01/07/1989-30/06/2001
reference period

rendimento complessivo 90.1%
total efficiency

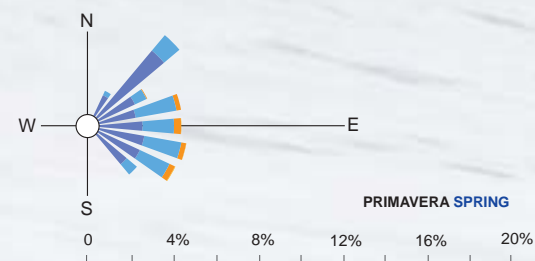
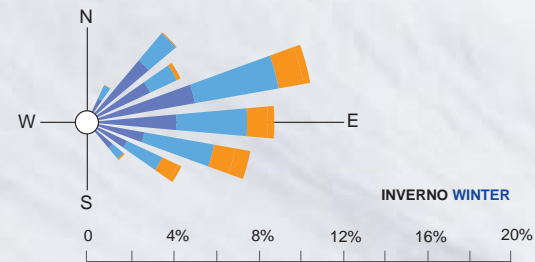
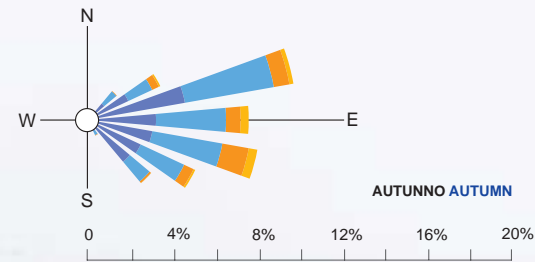
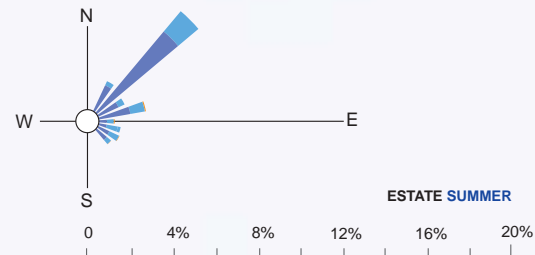
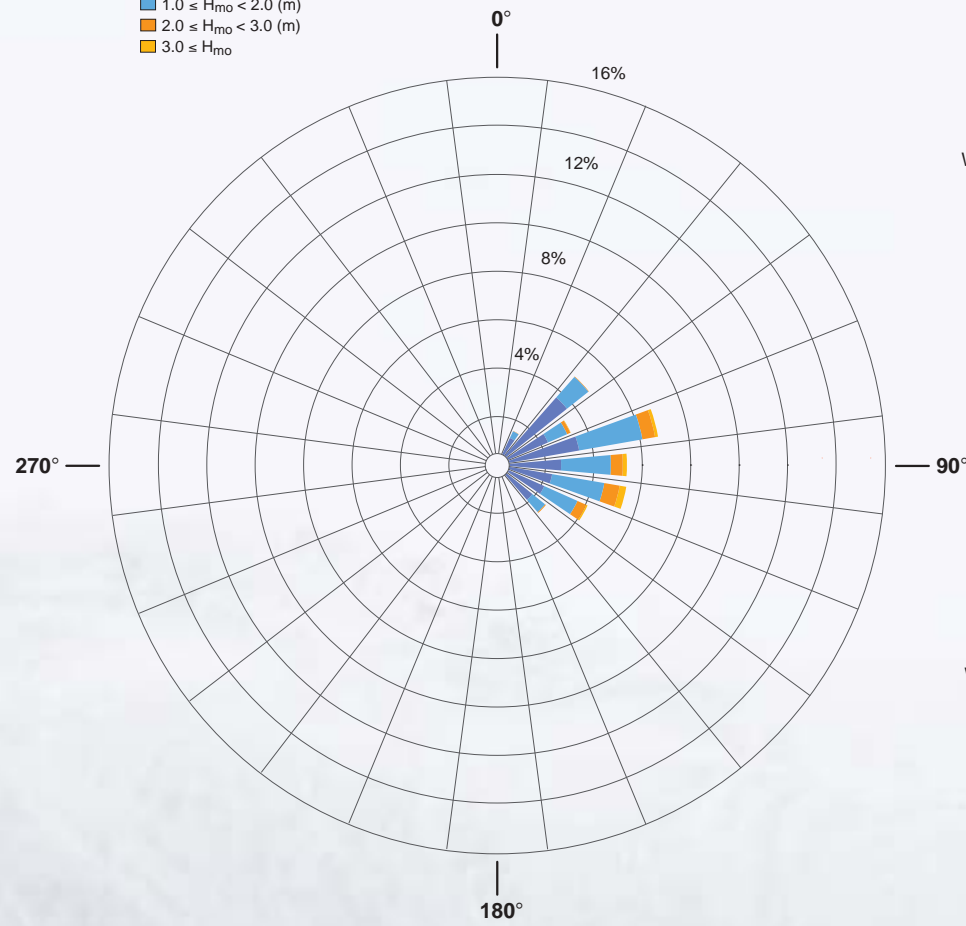
massimo fetch efficace 344 km (dir 110°N)
max effective fetch

mareggiata più intensa del periodo
 $H_{mo} = 6.3$ m; $T_p = 11.1$ s; dir. 104°N;
1996/02/28 16.00
most severe storm

**REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE**

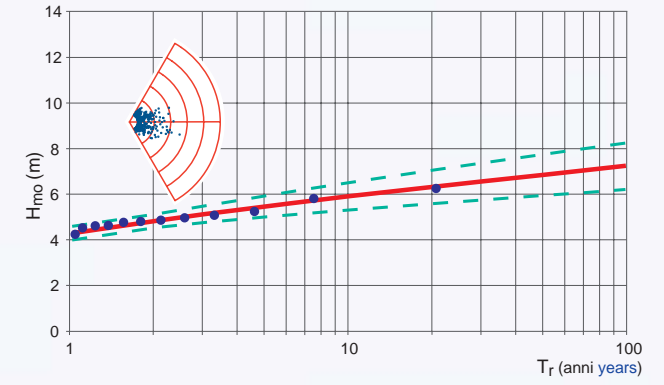
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 57,7%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 57,7%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

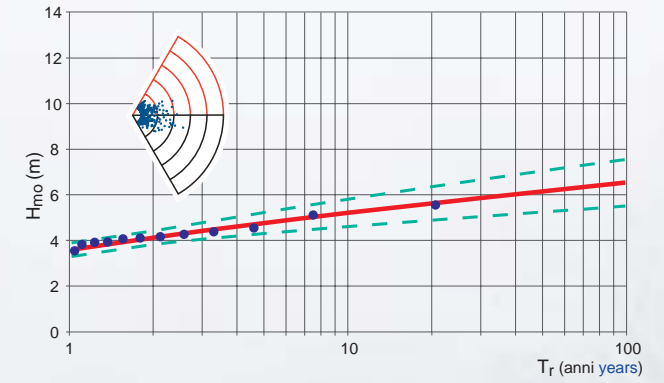


**ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)**

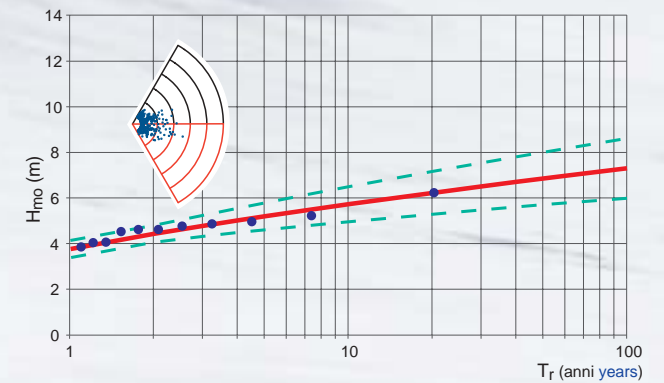
OMNIDIREZIONALE ALL DIRECTIONS



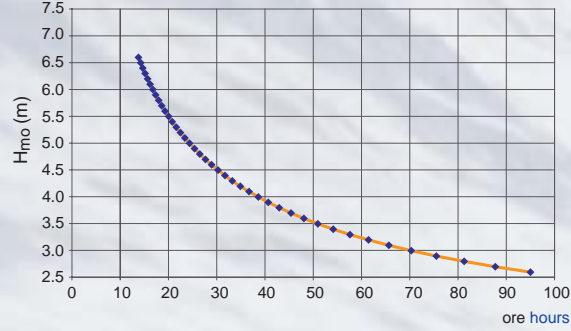
I SETTORE (30-90° N) SECTOR I



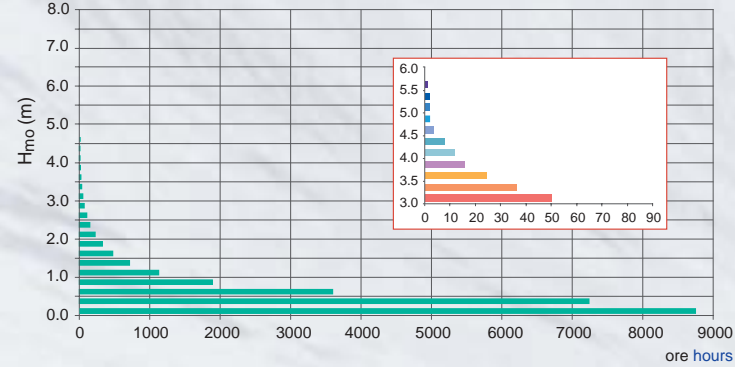
II SETTORE (90-150° N) SECTOR II



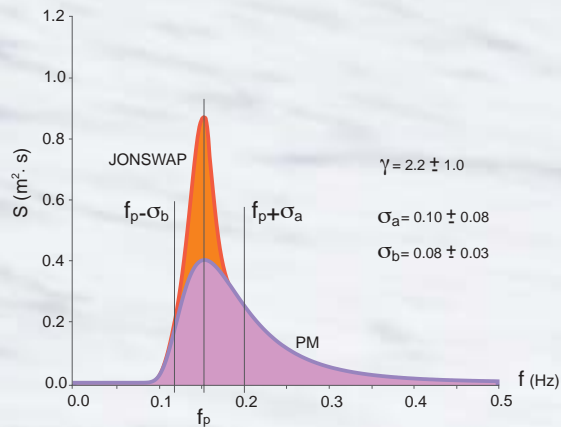
**DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD**



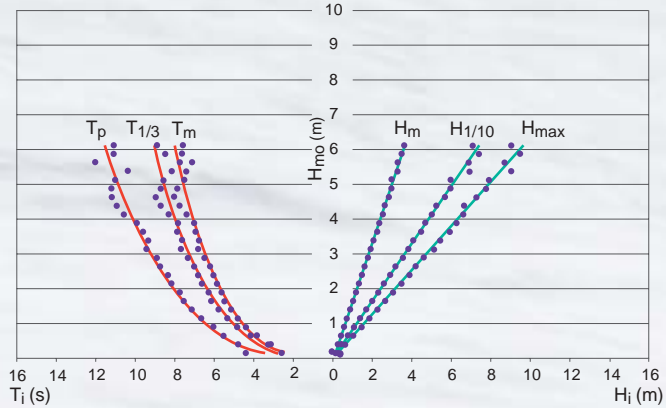
**CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS**



**FORMA SPETTRALE MEDIA
MEAN SPECTRUM**

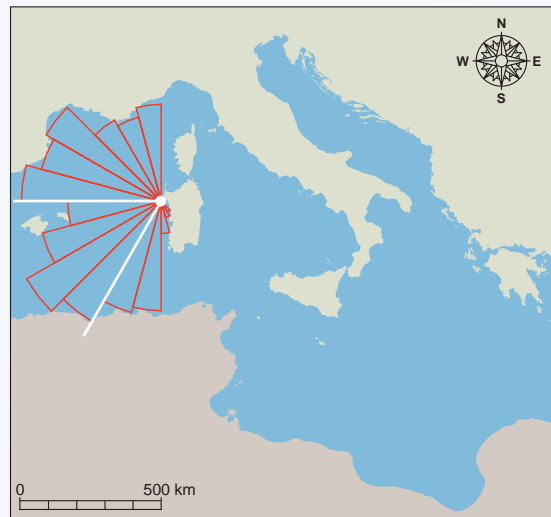


**CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS**





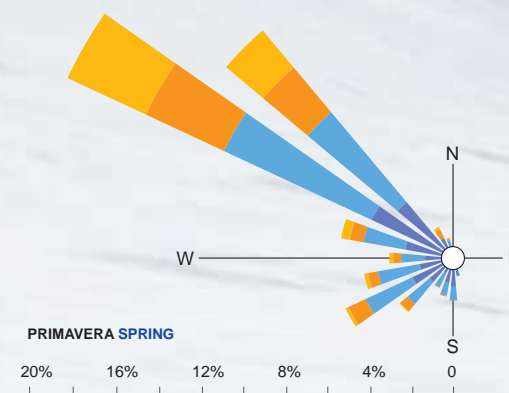
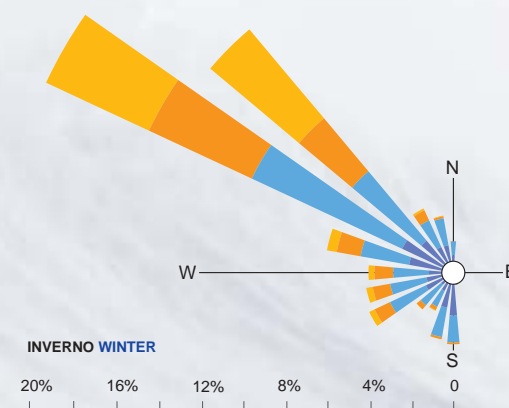
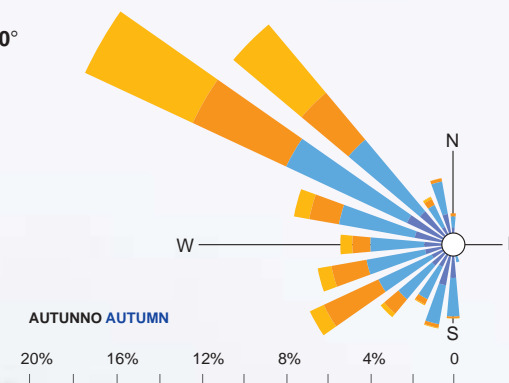
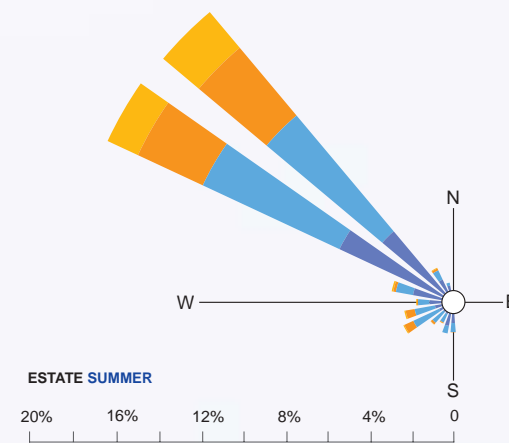
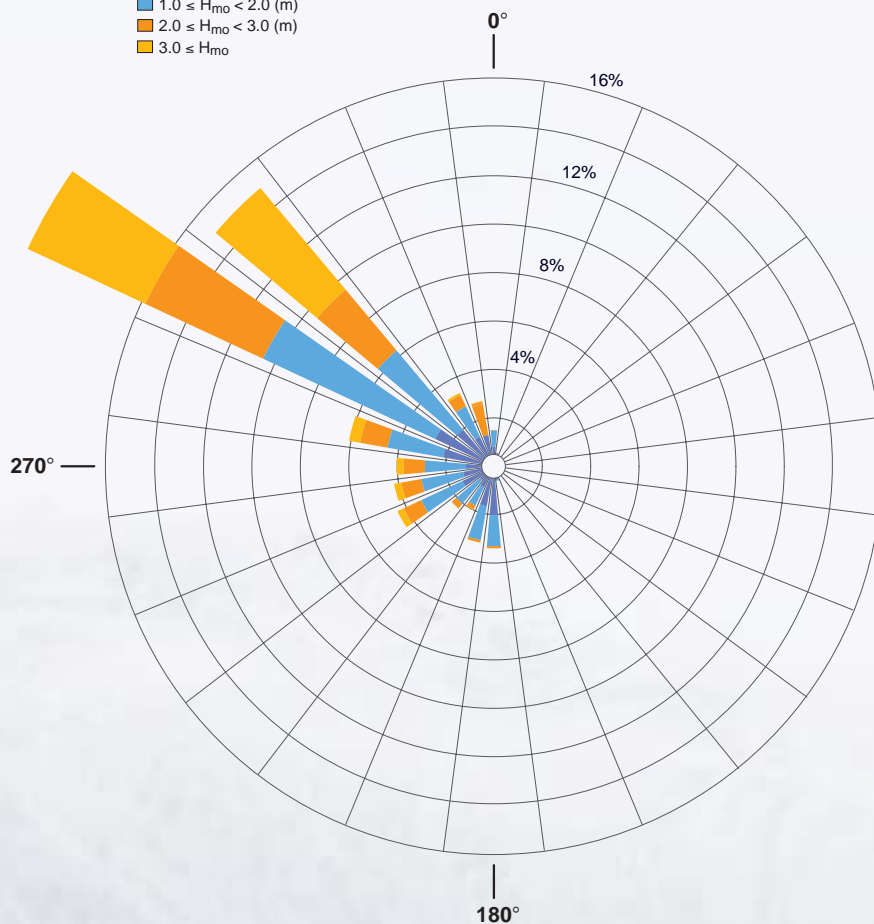
sintesi statistiche dei dati della stazione di **alghero** statistical summary



REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE

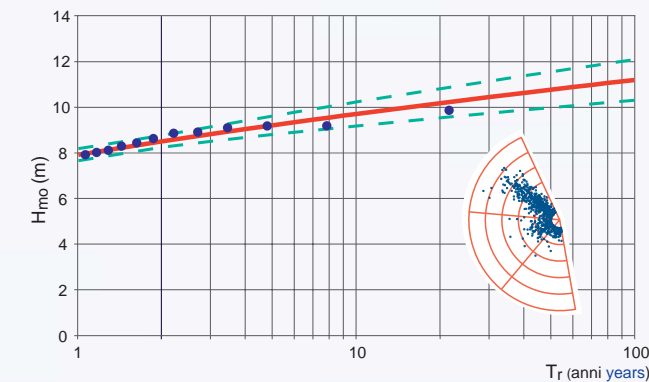
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 32,6%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 32.6%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

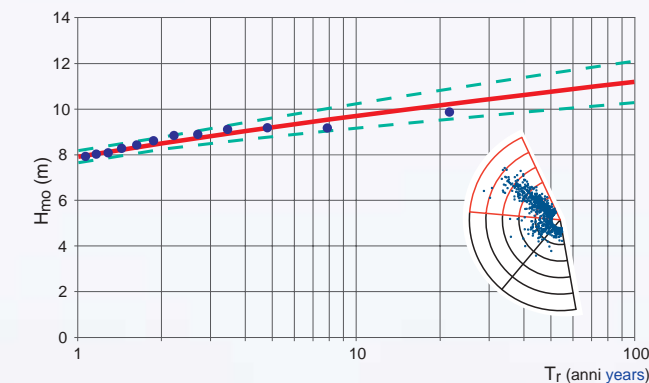


ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)

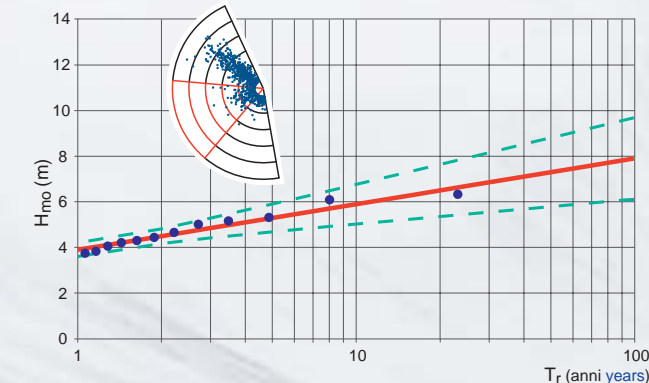
OMNIDIREZIONALE ALL DIRECTIONS



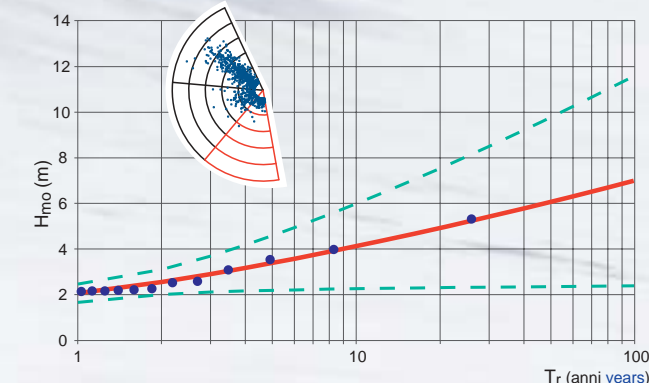
I SETTORE (275-335° N) SECTOR I



II SETTORE (220-275° N) SECTOR II



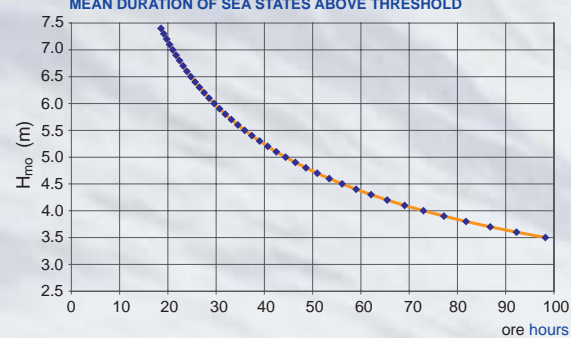
III SETTORE (170-220° N) SECTOR III



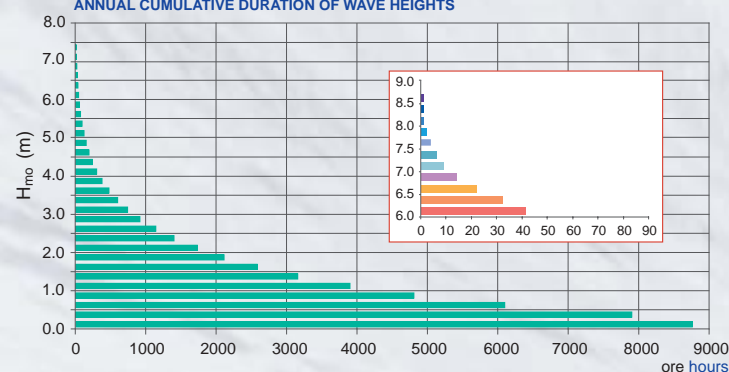
CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION

posizione geografica boa (40°32'9"N; 8°6'4"E)
buoy geographical position
profondità di ancoraggio 100 m
anchoring waterdepth
periodo di riferimento 01/07/1989-30/06/2001
reference period
rendimento complessivo 96.2%
total efficiency
massimo fetch efficace 366 km (dir 260°N)
max effective fetch
mareggiata più intensa del periodo
 $H_{mo} = 9.9$ m; $T_p = 12.5$ s; dir. 291°N; $\tau = 168$ ore (hours)
1999/12/28 11.00
most severe storm

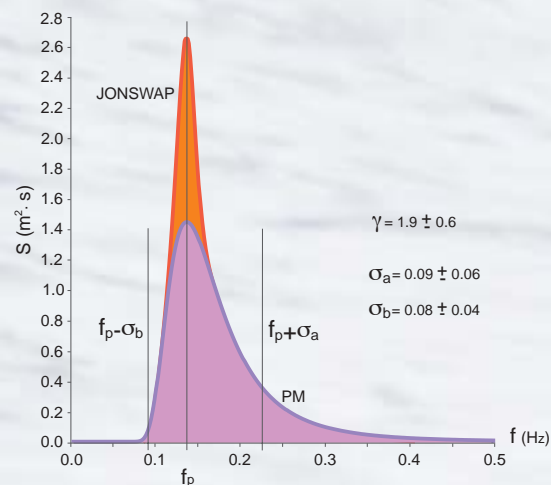
DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD



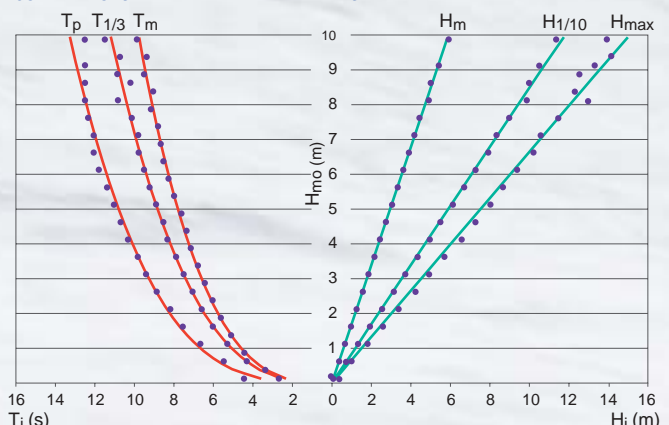
CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS

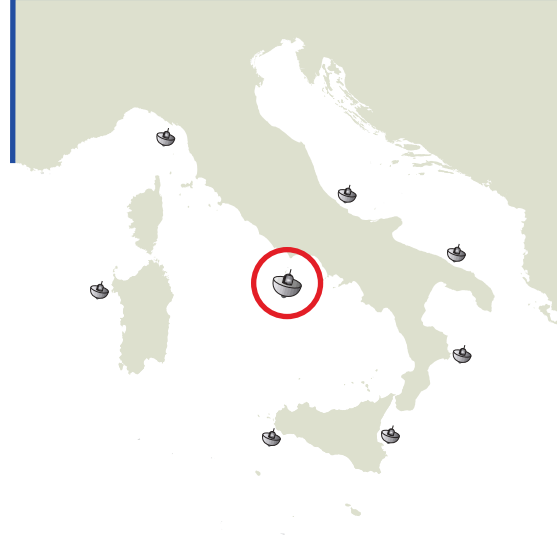


FORMA SPETTRALE MEDIA
MEAN SPECTRUM

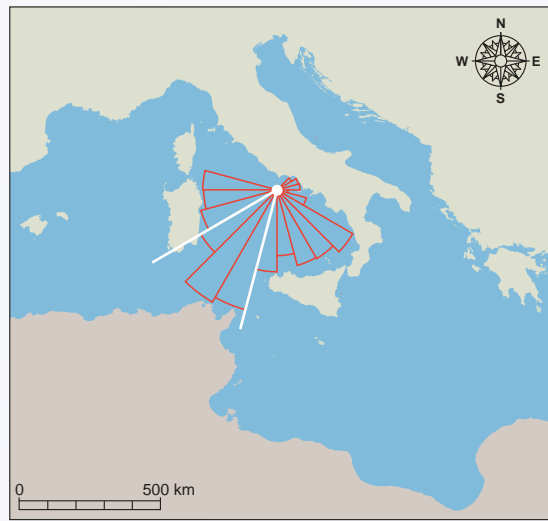


CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS





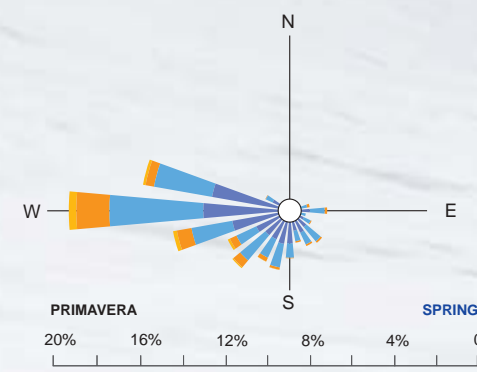
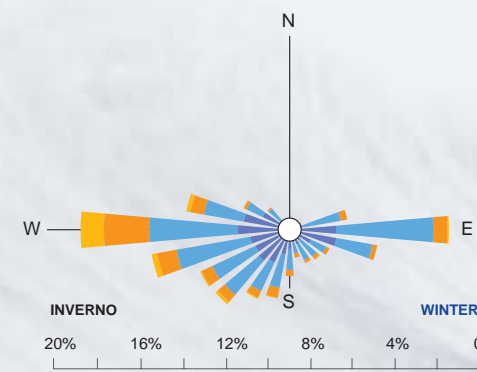
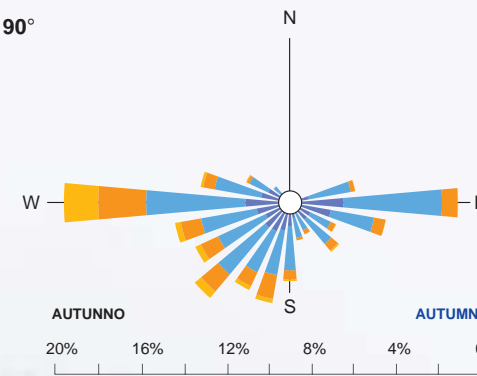
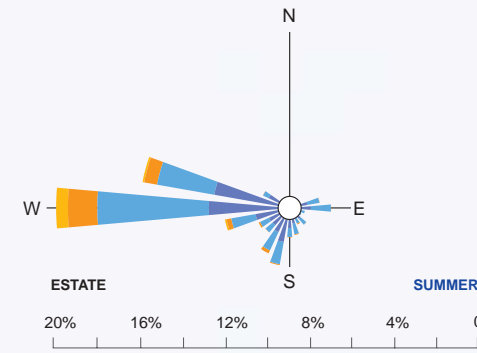
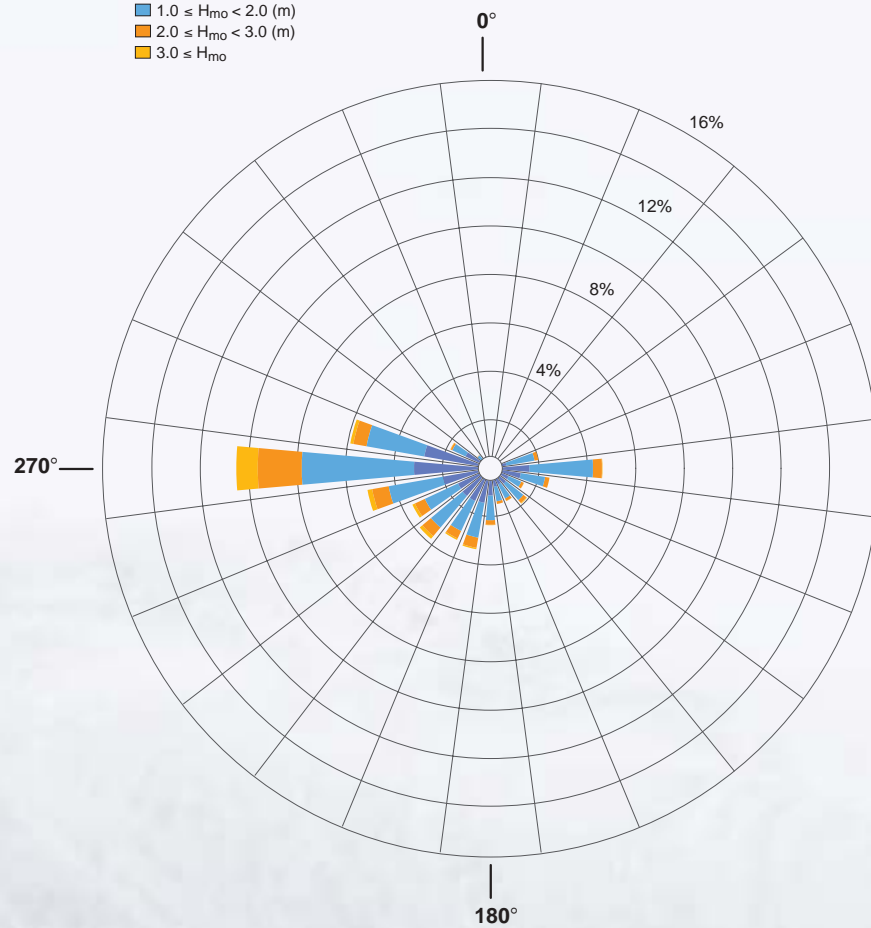
sintesi statistiche dei dati della stazione di **ponza** statistical summary



REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE

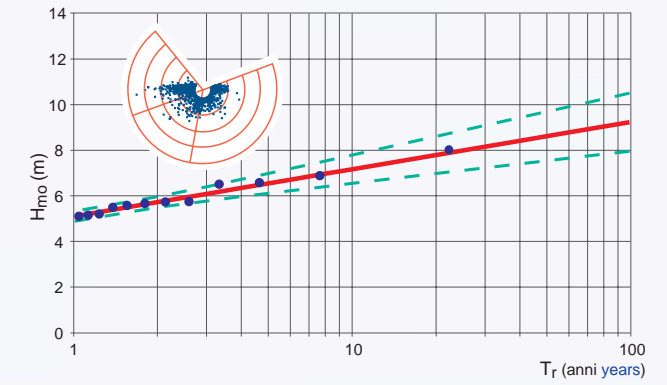
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 38,8%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 38,8%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

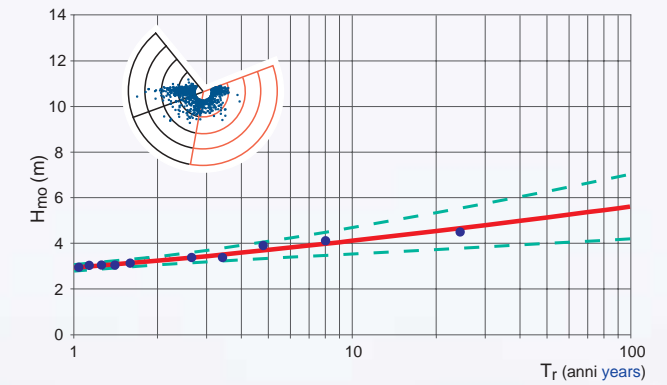


ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)

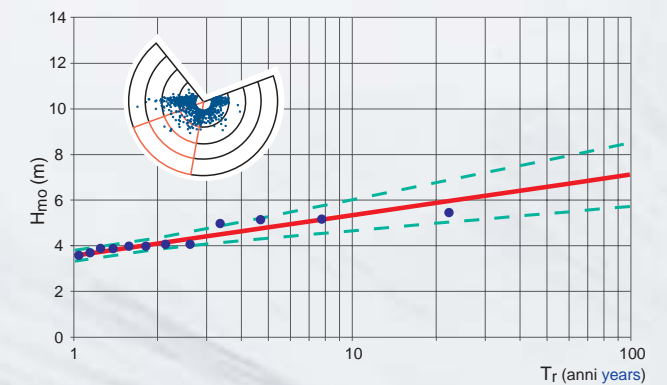
OMNIDIREZIONALE ALL DIRECTIONS



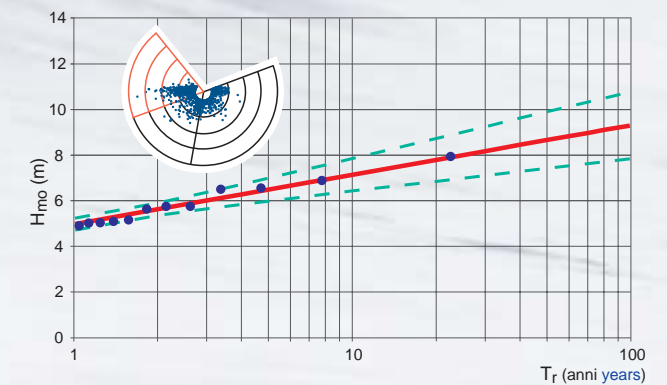
I SETTORE (70-190° N) SECTOR I



II SETTORE (190-250° N) SECTOR II



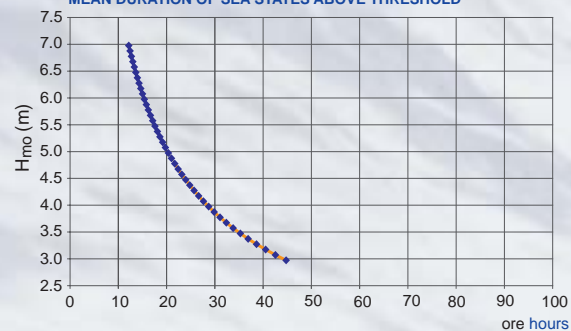
III SETTORE (250-320° N) SECTOR III



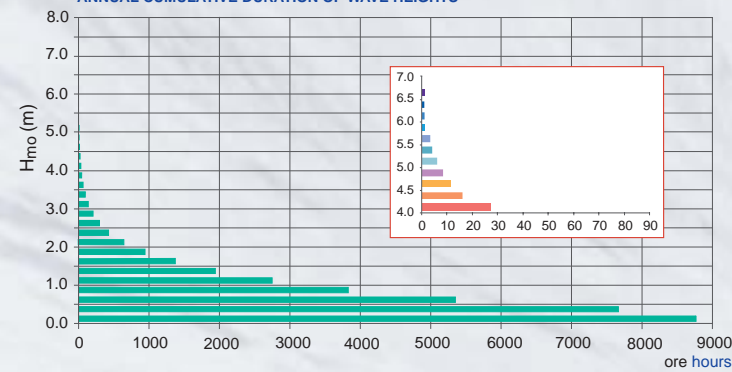
CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION

posizione geografica boa (40°52'00"N; 12°57'00"E)
buoy geographical position
profondità di ancoraggio 100 m
anchoring waterdepth
periodo di riferimento 01/07/1989-30/06/2001
reference period
rendimento complessivo 90.7%
total efficiency
massimo fetch efficace 170 km (dir 70-80°N)
max effective fetch
mareggiata più intensa del periodo
 $H_{mo} = 7.9$ m; $T_p = 11.1$ s; dir. 266°N; $T = 126$ (ore hours)
1999/12/28 16.30
most severe storm

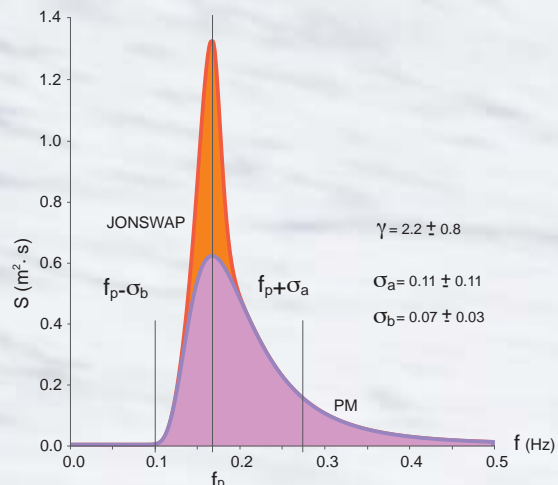
DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD



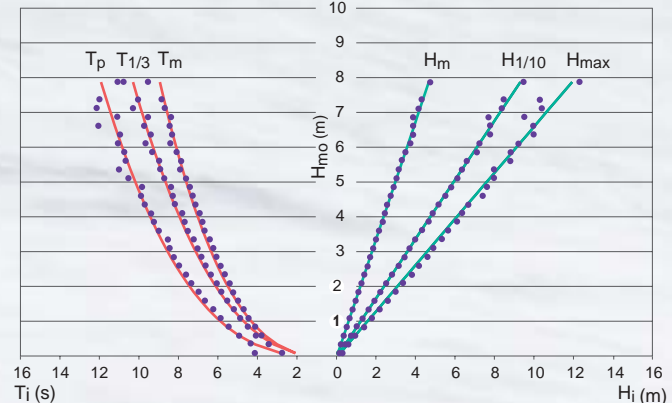
CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS

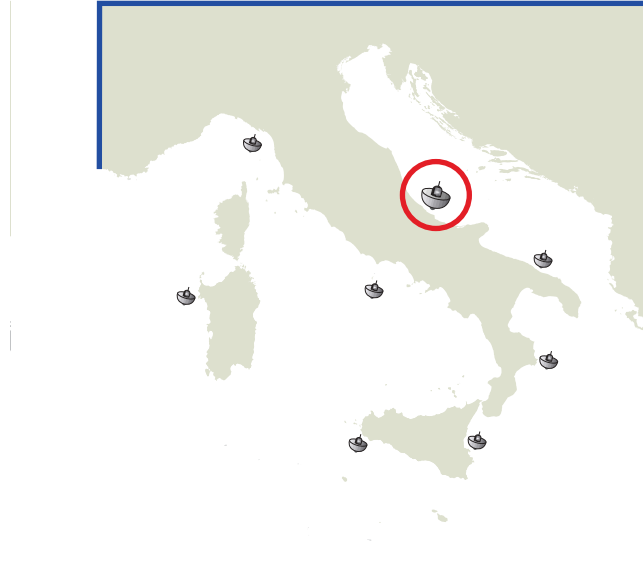


FORMA SPETTRALE MEDIA
MEAN SPECTRUM

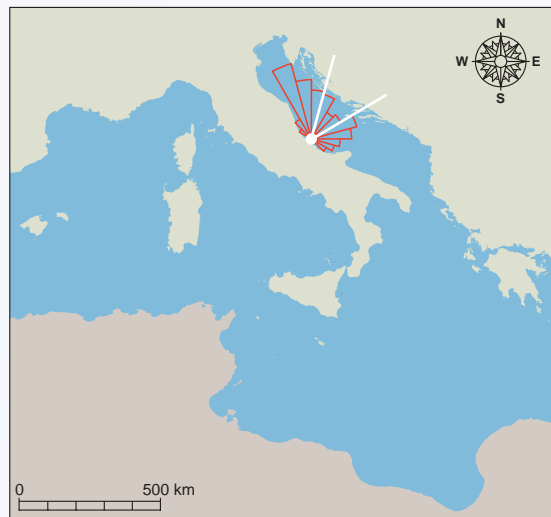


CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS





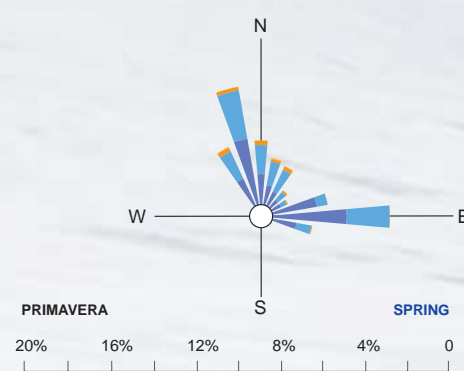
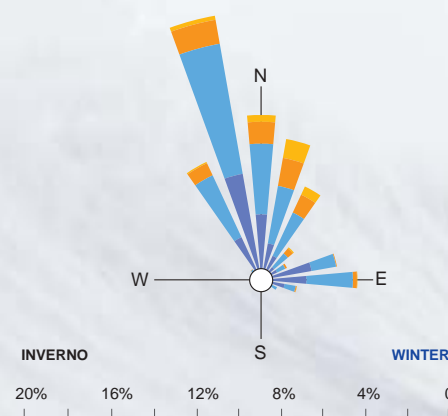
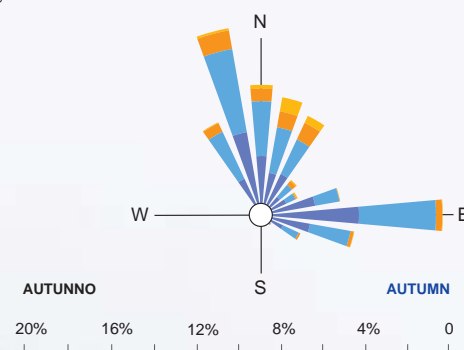
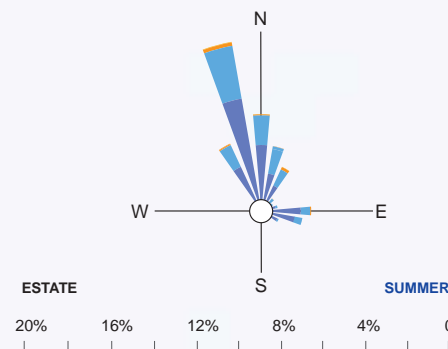
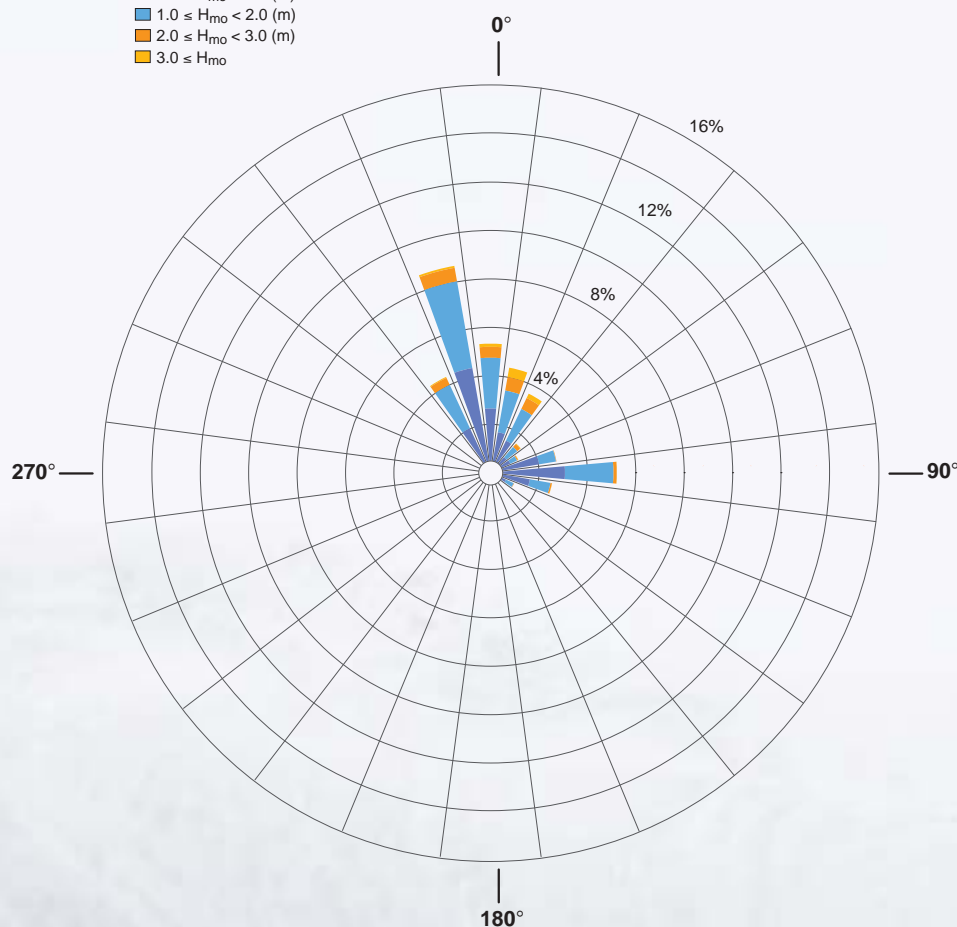
sintesi statistiche dei dati della stazione di **pescara** statistical summary



REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE

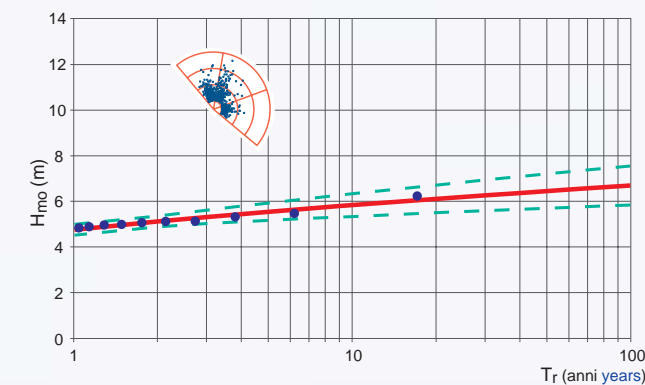
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 52,8%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 52.8%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

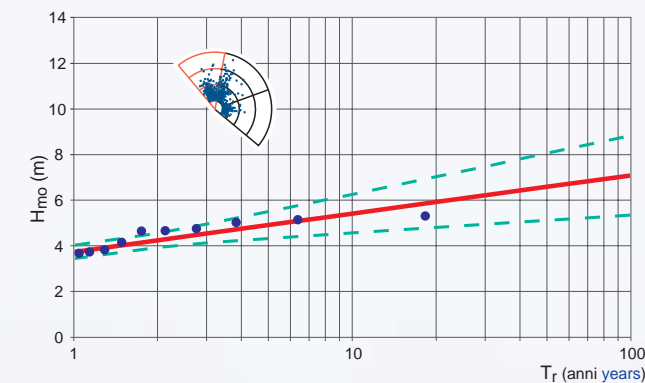


ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)

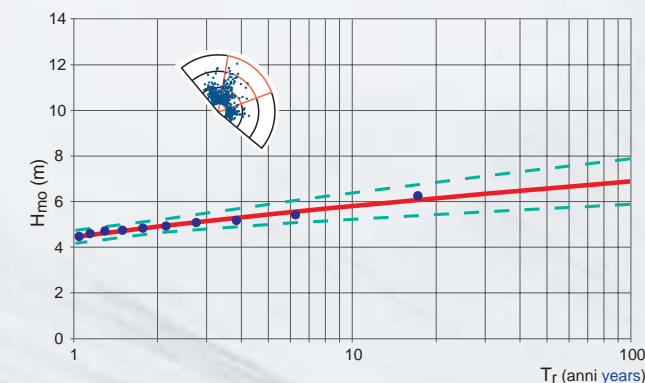
OMNIDIREZIONALE ALL DIRECTIONS



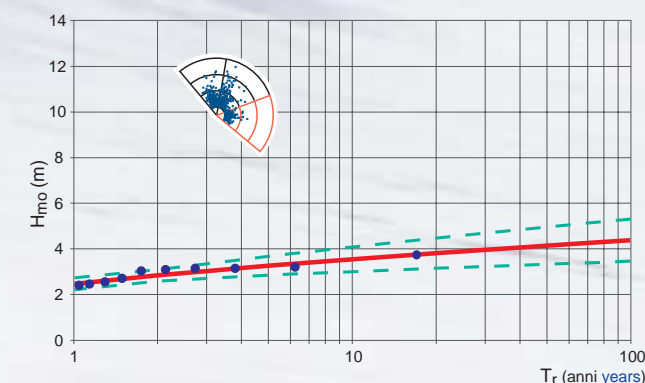
I SETTORE (320-10° N) SECTOR I



II SETTORE (10-70° N) SECTOR II



III SETTORE (70-130° N) SECTOR III



CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION

posizione geografica boa (42°24'24"N; 14°32'12"E)
buoy geographical position

profondità di ancoraggio 100 m
anchoring waterdepth

periodo di riferimento 01/07/1989-30/06/2001
reference period

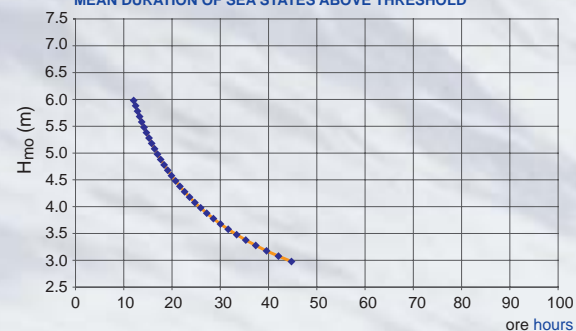
rendimento complessivo 92.1%
total efficiency

massimo fetch efficace 170 km (dir 70-80°N)
max effective fetch

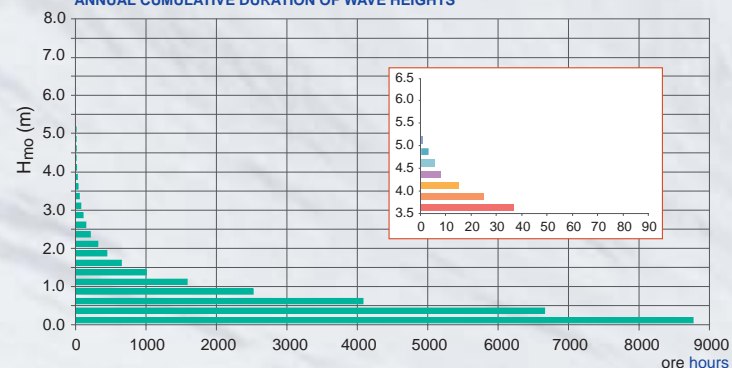
mareggiata più intensa del periodo
 $H_{mo} = 6.2$ m; $T_p = 10.0$ s; dir. 21°N; $\tau = 39$ ore (hours)

1994/02/18 16.30
most severe storm

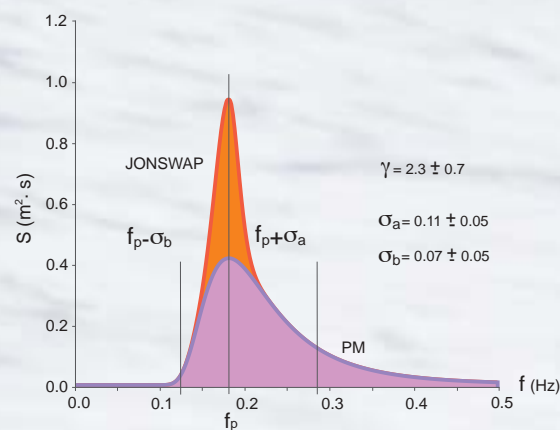
DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD



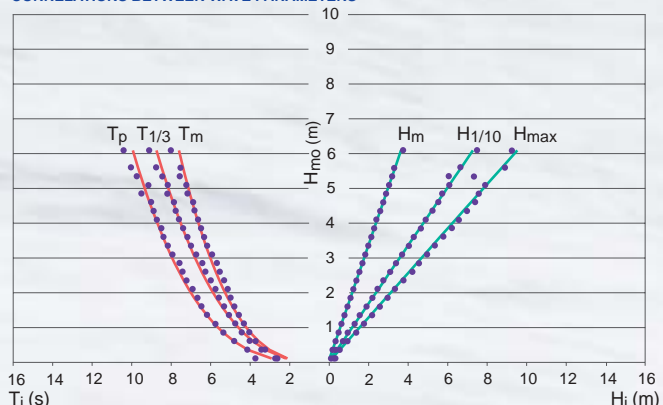
CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS



FORMA SPETTRALE MEDIA
MEAN SPECTRUM

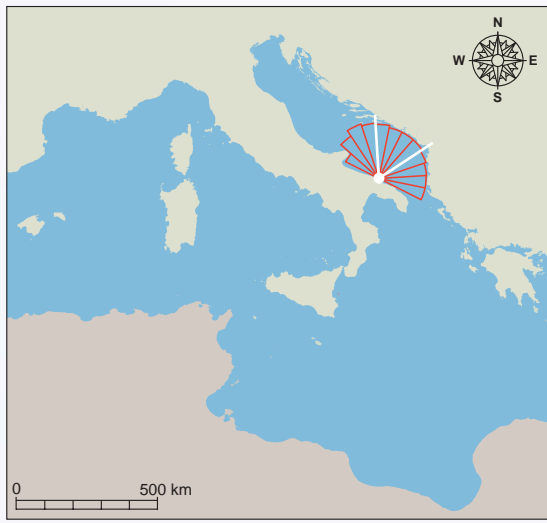


CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS





sintesi statistiche dei dati della stazione di **monopoli** statistical summary



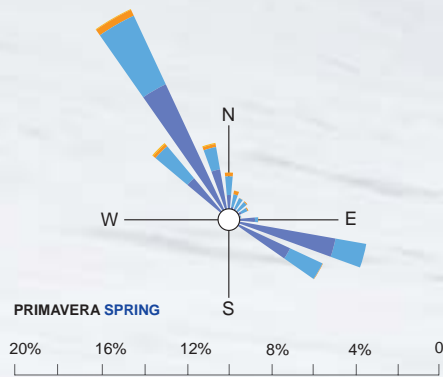
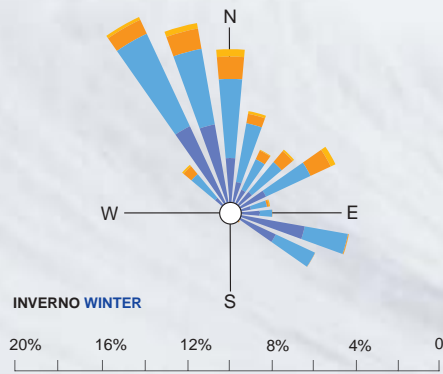
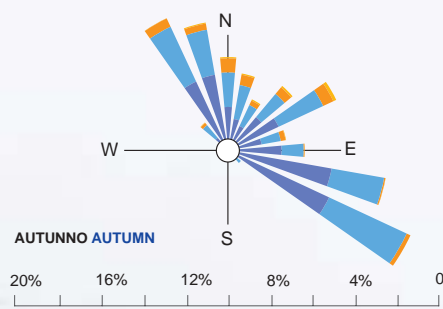
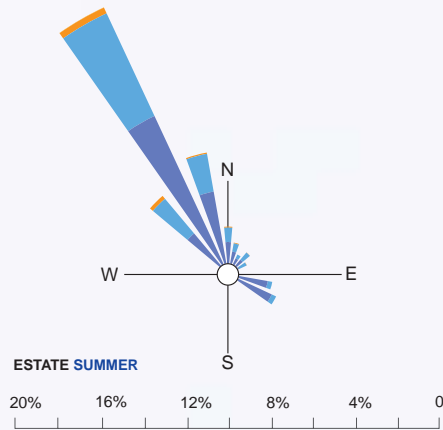
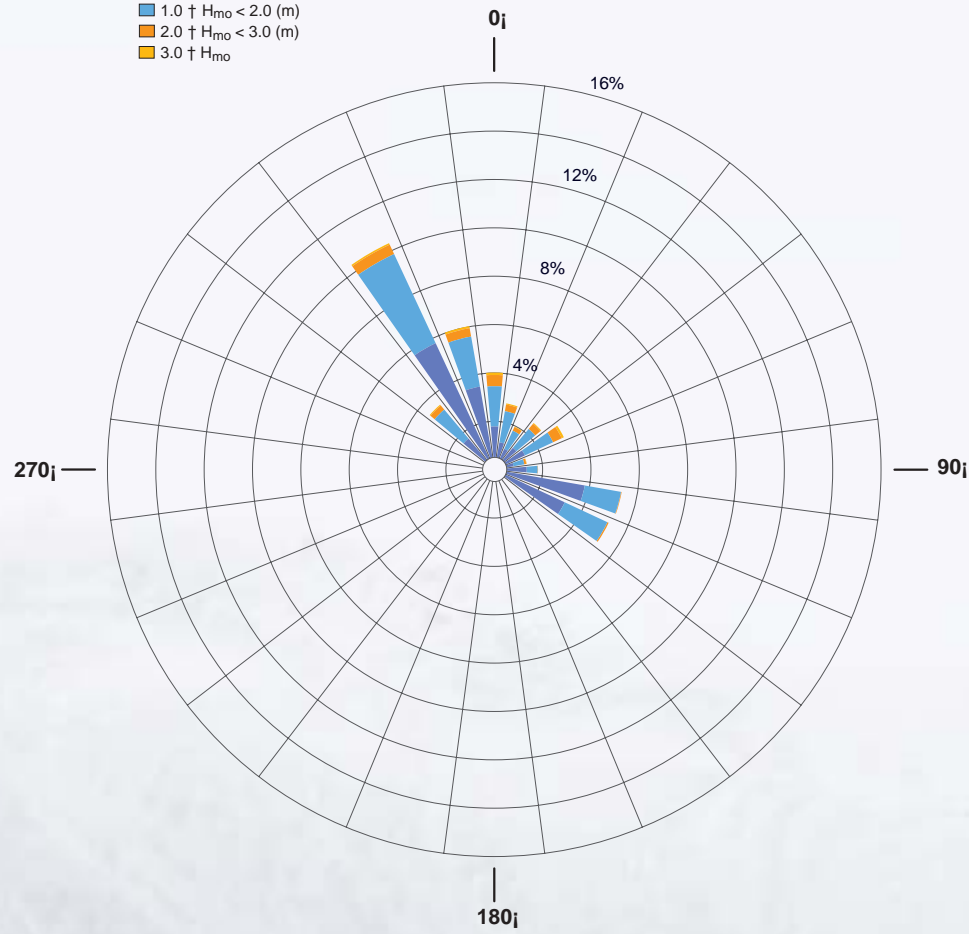
**CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION**

posizione geografica boa (40;58'30"N; 17;22'36"E)
buoy geographical position
profondità di ancoraggio 100 m
anchoring waterdepth
periodo di riferimento 01/07/1989-30/06/2001
reference period
rendimento complessivo 93.5%
total efficiency
massimo fetch efficace 241 km (dir 340;N)
max effective fetch
mareggiata pi intensa del periodo
 $H_{mo} = 5.2$ m; $T_p = 10.0$ s; dir. 61;N; $T = 111$ ore (hours)
1995/01/14 9.30
most severe storm

**REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE**

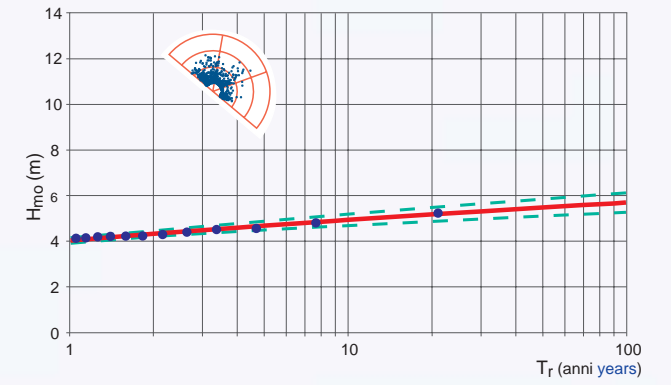
24 settori da 15; di ampiezza; calme ($H_{mo} < 0.5$) = 47,7%
24 sectors of 15; width; calm sea ($H_{mo} < 0.5$) = 47,7%

- 0.5 † $H_{mo} < 1.0$ (m)
- 1.0 † $H_{mo} < 2.0$ (m)
- 2.0 † $H_{mo} < 3.0$ (m)
- 3.0 † H_{mo}

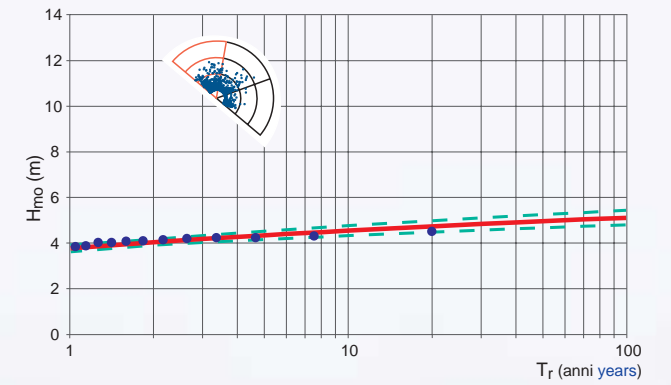


**ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)**

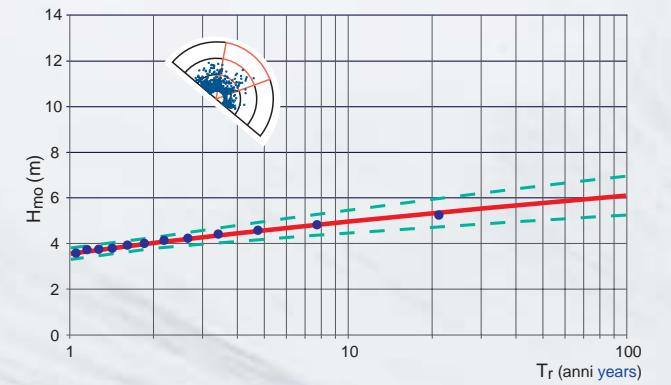
OMNIDIREZIONALE ALL DIRECTIONS



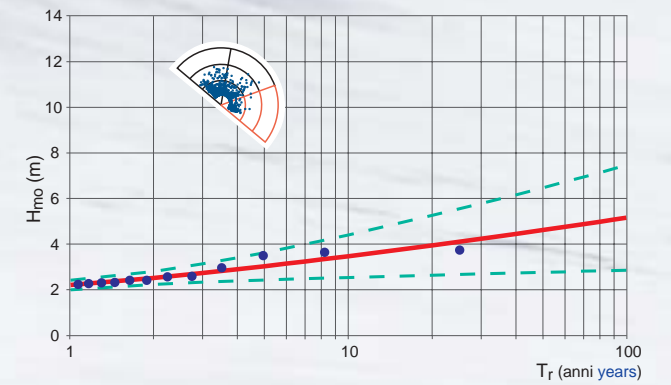
I SETTORE (310-10; N) SECTOR I



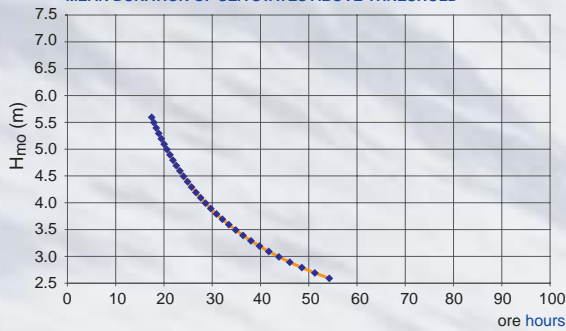
II SETTORE (10-70; N) SECTOR II



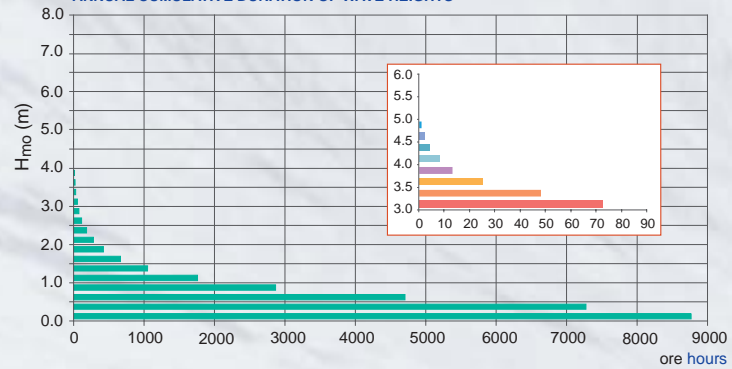
III SETTORE (70-130; N) SECTOR III



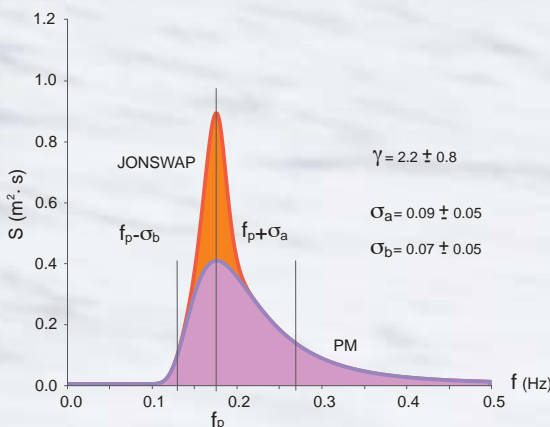
**DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD**



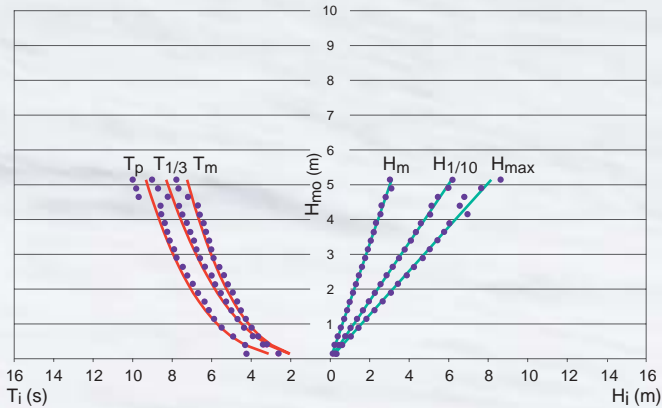
**CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS**

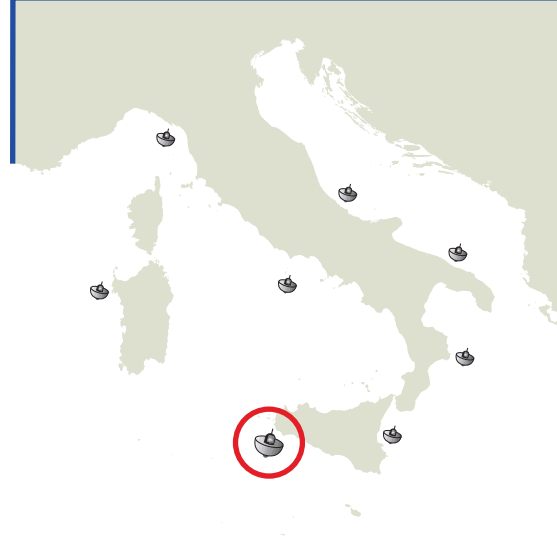


**FORMA SPETTRALE MEDIA
MEAN SPECTRUM**

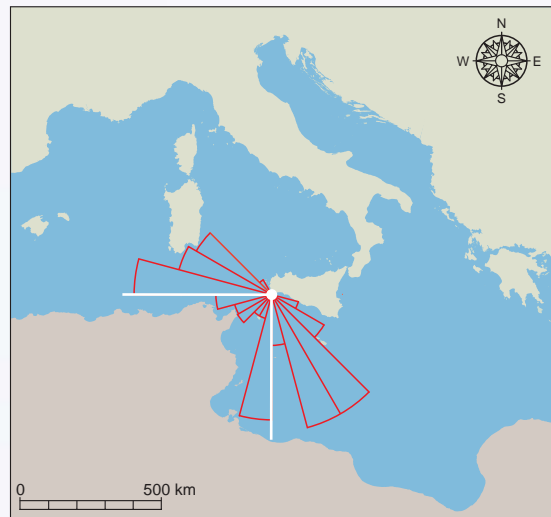


**CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS**





sintesi statistiche dei dati della stazione di **mazara del vallo** statistical summary



CARATTERISTICHE GENERALI ONDAMETRO
MAIN DATA OF RECORDING STATION

posizione geografica boa (37°31'05"N; 12°32'00"E)
buoy geographical position

profondità di ancoraggio 100 m
anchoring waterdepth

periodo di riferimento 01/07/1989-30/06/2001
reference period

rendimento complessivo 83.3%
total efficiency

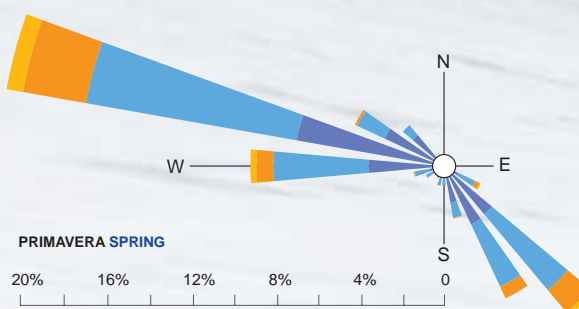
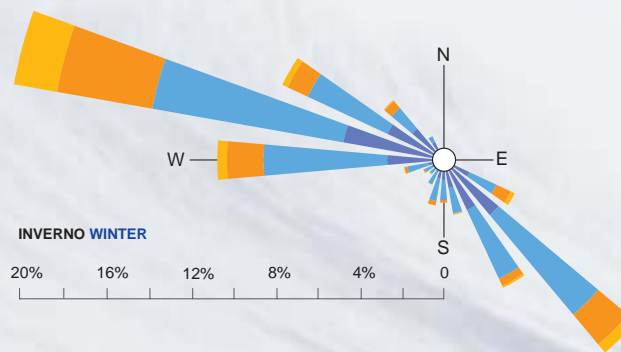
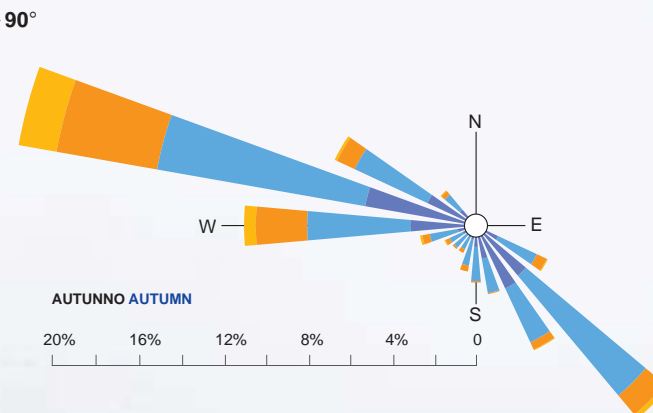
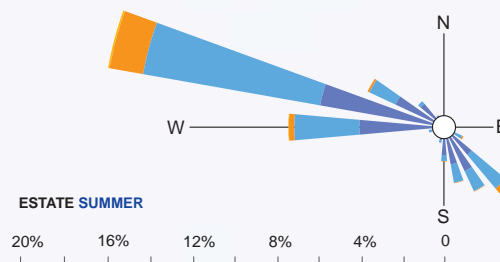
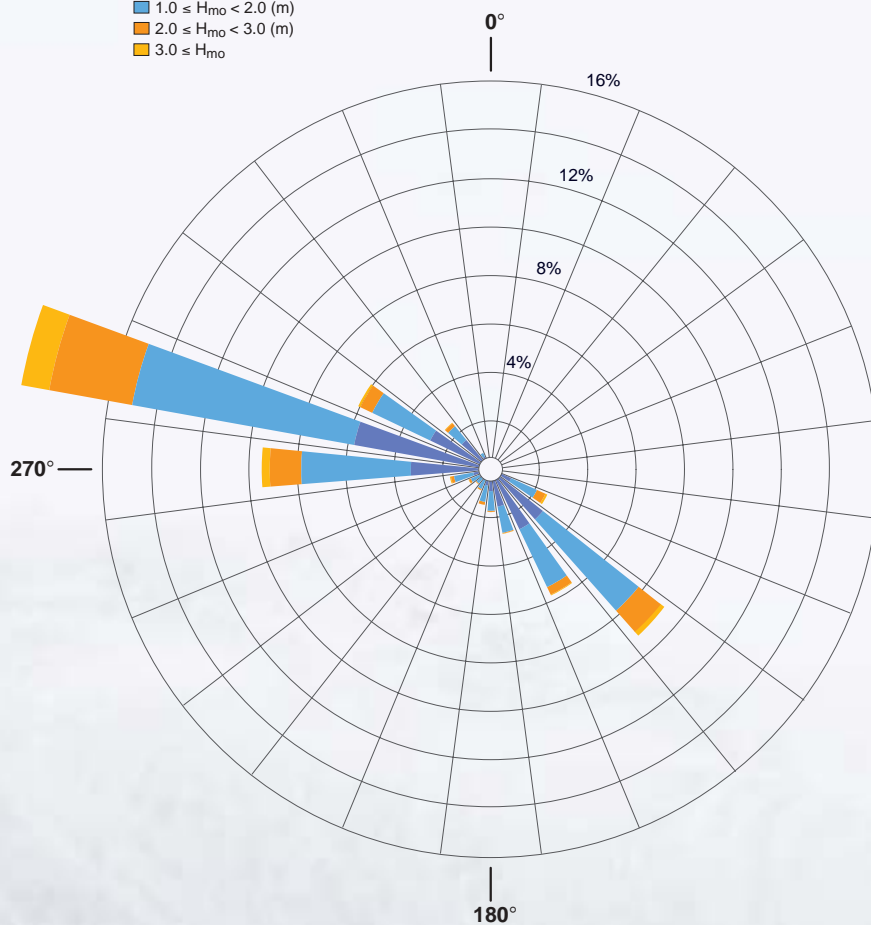
massimo fetch efficace 188 km (dir 150-160°N)
max effective fetch

mareggiata più intensa del periodo
 $H_{mo} = 6.6$ m; $T_p = 11.1$ s; dir. 284°N; $\tau = 105$ ore (hours)
1998/01/20 23.30
most severe storm

REGIME ONDOSO ANNUALE E STAGIONALE
ANNUAL AND SEASONAL WAVE CLIMATE

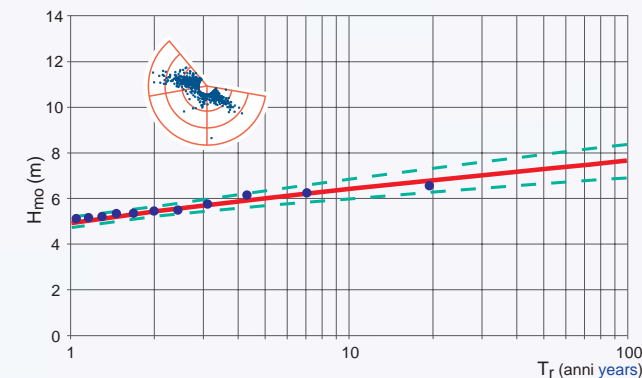
24 settori da 15° di ampiezza; calme ($H_{mo} < 0.5$) = 27,2%
24 sectors of 15° width; calm sea ($H_{mo} < 0.5$) = 27.2%

- $0.5 \leq H_{mo} < 1.0$ (m)
- $1.0 \leq H_{mo} < 2.0$ (m)
- $2.0 \leq H_{mo} < 3.0$ (m)
- $3.0 \leq H_{mo}$

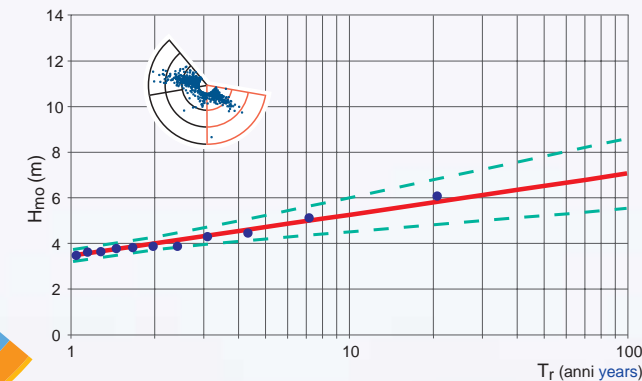


ANALISI DEGLI EVENTI ESTREMI SEMIORARI
EXTREME WAVE STATISTICS (HALF-HOURLY P.O.T.)

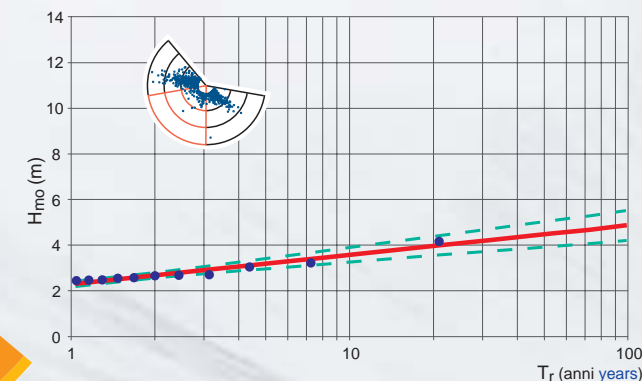
OMNIDIREZIONALE ALL DIRECTIONS



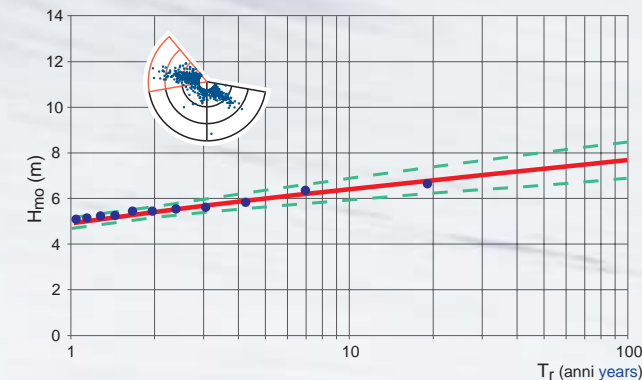
I SETTORE (100-180° N) SECTOR I



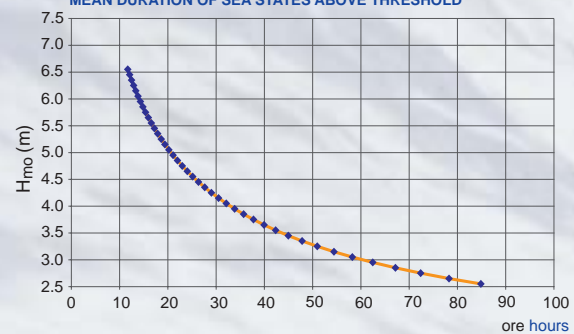
II SETTORE (180-260° N) SECTOR II



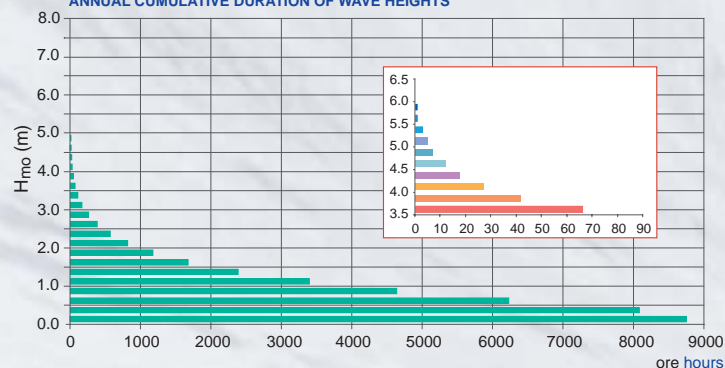
III SETTORE (260-320° N) SECTOR III



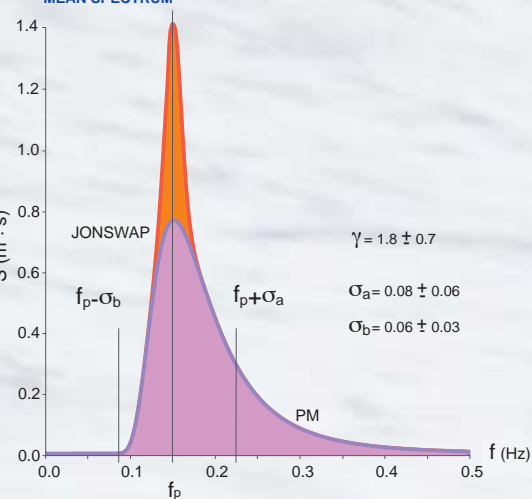
DURATA MEDIA DEGLI STATI DI MARE SOPRA SOGLIA
MEAN DURATION OF SEA STATES ABOVE THRESHOLD



CURVA DI DURATA CUMULATA ANNUALE DELL'ALTEZZA D'ONDA
ANNUAL CUMULATIVE DURATION OF WAVE HEIGHTS



FORMA SPETTRALE MEDIA
MEAN SPECTRUM



CORRELAZIONI TRA PARAMETRI ONDOSI
CORRELATIONS BETWEEN WAVE PARAMETERS

