Analysis of user surveys - MET phenomena which should be included in eGAFOR

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During the December 2017 and January 2018 all the partners on the eGAFOR project except IBL have conducted user surveys.

Surveys were created to determine users needs regarding LLF MET products and to help partners on the Project to define MET elements most suitable for inclusion in eGAFOR product.

Surveys were conducted via survey forms on user meetings and on-line.

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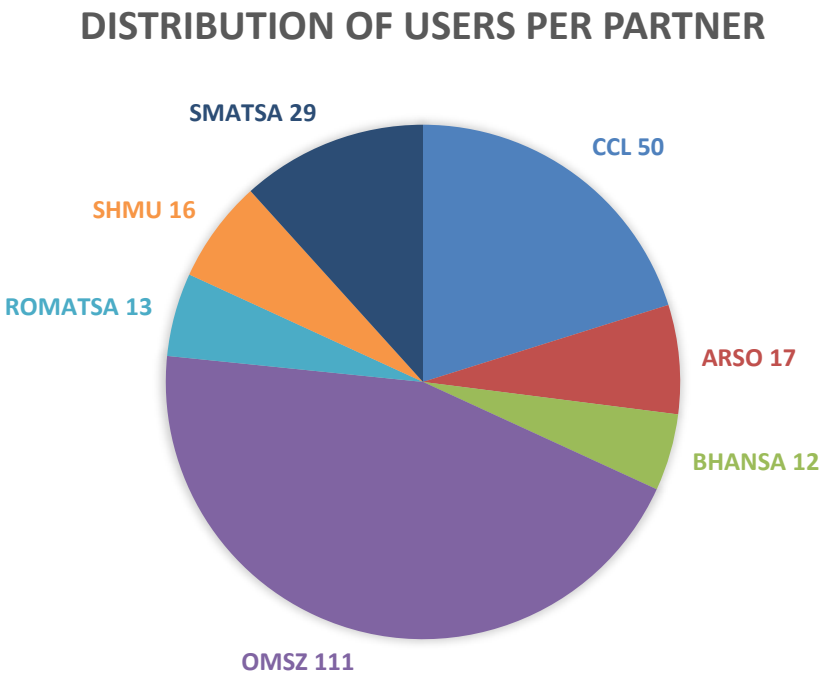
In total 248 users have participated in the surveys.



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Results Analysis

	YES	NO	TOTAL	PERC.	AVER. PERC.
Should additional weather phenomena be included in GAFOR?	223	25	248	89,92%	82,53%
Strong SFC Wind	185	42	227	81,50%	77,36%
Turbulence	157	70	227	69,16%	60,29%
Icing	149	78	227	65,64%	63,50%
MTW	109	118	227	48,02%	47,26%
TS	178	49	227	78,41%	70,51%
CB Clouds	97	12	109	88,99%	
FZRA	57	52	109	52,29%	
Other	21	88	109	19,27%	
Should eGAFOR be probabilistic instead of deterministic?	202	44	246	82,11%	79,65%

Based only on OMSZ data

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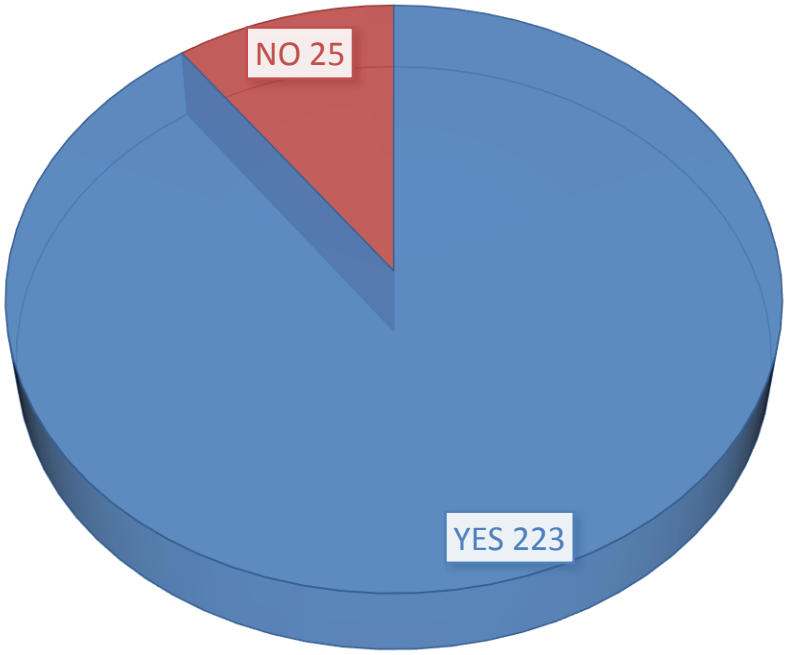
1. Should additional weather phenomena be included in GAFOR?



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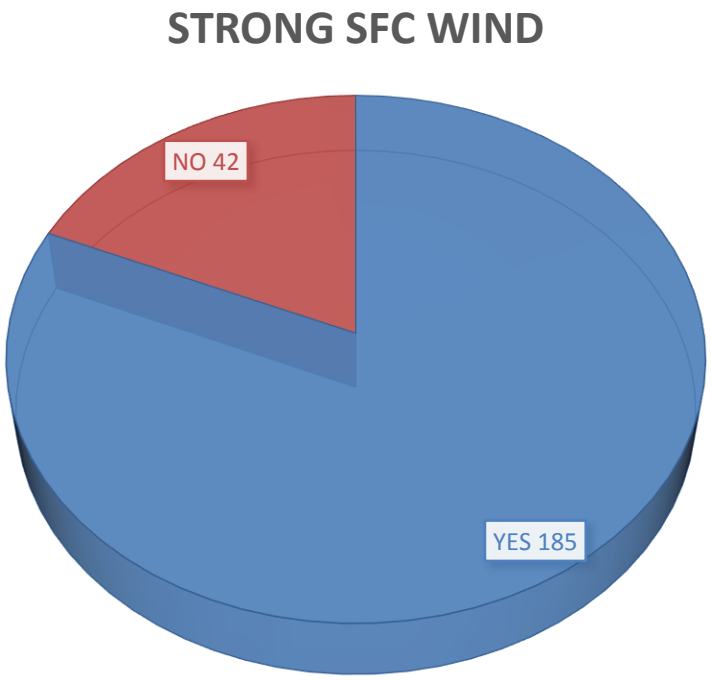
2. MET elements suitable for inclusion in eGAFOR product:



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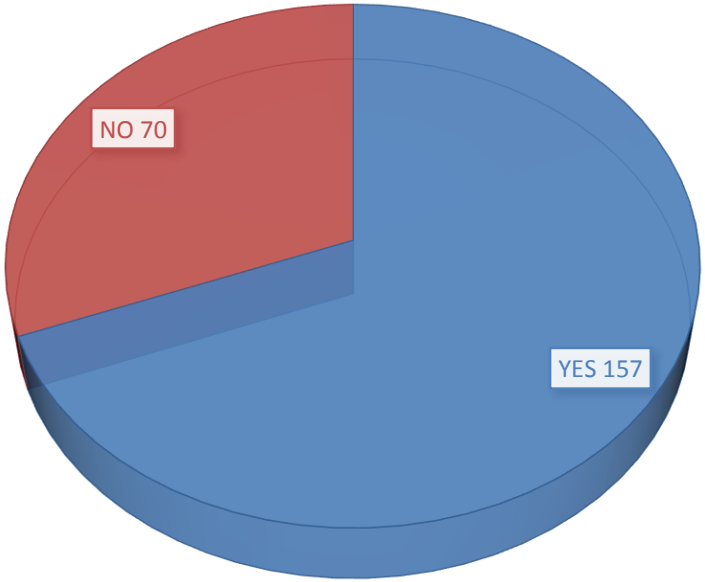
TURBULENCE



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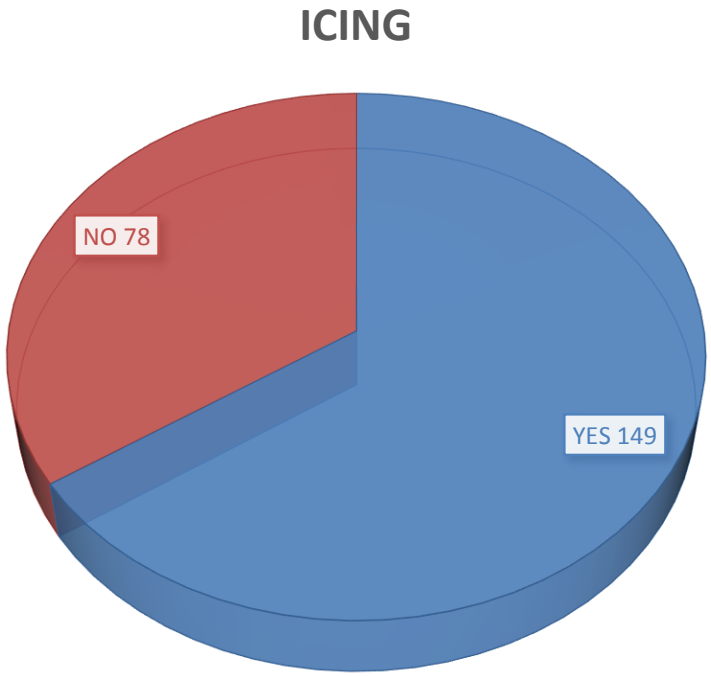

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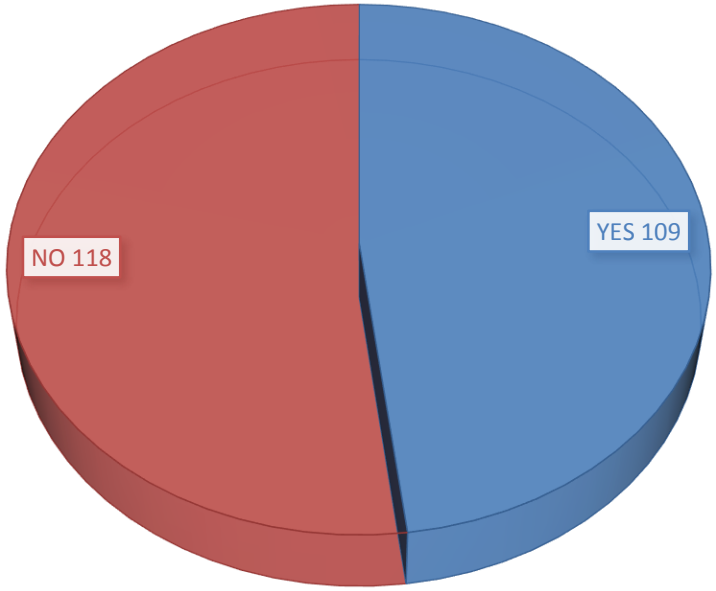
MOUNTAIN WAVES



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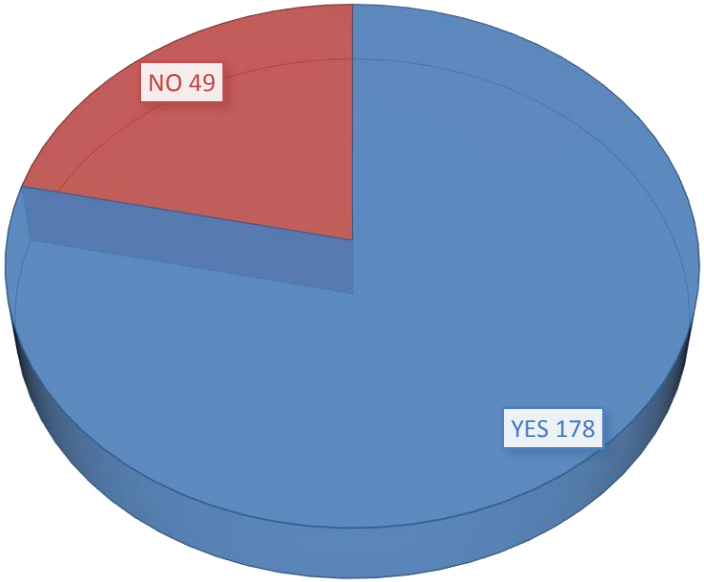
THUNDERSTORMS



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According to users, most suitable MET elements for inclusion in eGAFOR product are (listed by score):

1. Strong SFC wind – 81.50 %
2. Thunderstorms – 78.41 %
3. Turbulence – 69.16%
4. Icing – 65.64 %
5. Mountain waves – 48.02 %

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Additionally, according to OMSZ users, adequate MET elements for inclusion in eGAFOR product are (listed by score):

1. CB Clouds – 88.99%
2. FZRA – 52.29 %
3. Other (unspecified) – 19.27%

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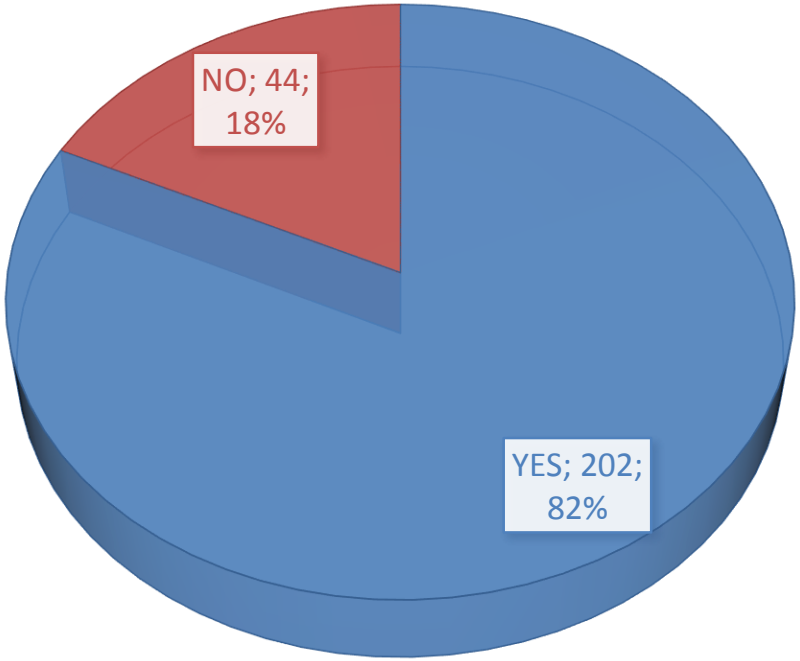
3. Should eGAFOR be probabilistic instead of deterministic?



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GAFOR

Thank you for your attention

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