APPENDIX 6.4.3 – Vantage Point Variables, 2020-2022

Winter 2020-2021

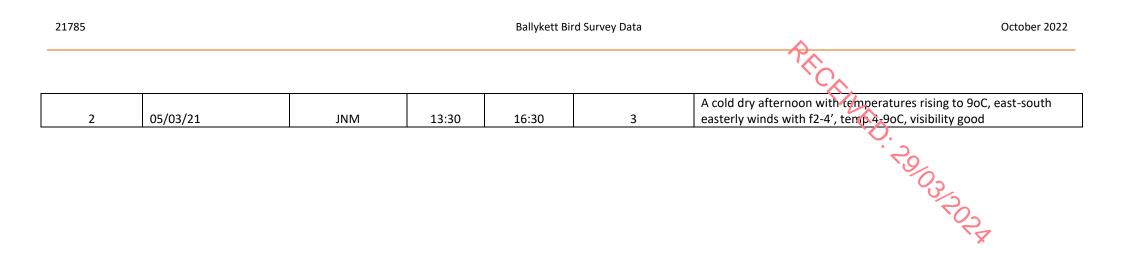
| 21785 | | | October 2022 | | | |
|------------|----------|-------------|---------------------|---------------------|-------------------------------|---|
| Mintor 202 | 0 2021 | <u>APPE</u> | <u>NDIX 6.4.3 -</u> | <u>- Vantage Po</u> | oint Variables, | 2020-2022 Weather |
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
| October | | | | | | A fine dry sunny morning, slack north westerly winds with f1-3, temp |
| 1 | 13/10/20 | JNM | 09:00 | 12:00 | 3 | 12oC, good visibility |
| 1 | 14/10/20 | JNM | 14:00 | 17:00 | 3 | A bright sunny day, slack easterly winds with f1-2, temp 13-14oC, visibility good |
| 2 | 12/10/20 | JNM | 14:00 | 17:00 | 3 | A dry mild sunny day, north westerly winds with f2-5, temp 12-13oC good visibility |
| 2 | 14/10/20 | JNM | 09:00 | 12:00 | 3 | A bright sunny day, slack easterly with f1-2, temp 12-14oC, good visibility |
| November | | | | | | |
| 1 | 2/11/20 | JNM | 09:00 | 12:00 | 3 | A wet windy morning with some very heavy showers at times, south to southwest winds with f3-6', temp 8-10oC, visibility poor |
| 1 | 4/11/20 | JNM | 11:30 | 14:30 | 3 | A cold frosty day with spells of sunshine, calm slacks, temp 1-3oC, visibility good |
| 2 | 3/11/20 | MNL | 14:00 | 17:00 | 3 | A windy day with heavy showers in the afternoon, western force with f2-5', temp 7-8oC, visibility good |
| 2 | 4/11/20 | JNM | 08:00 | 11:00 | 3 | A frosty calm day with some sunshine, calm slack winds, temp 1-3oC visibility good |
| December | | | | | - | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| 1 | 02/12/20 | MNL | 09:00 | 12:00 | 3 | A fine dry cool morning with the odd winter showers, westerly wind with f3-5', temp 7-8oC, visibility good |
| | 03/12/20 | MML | 13:30 | 16:30 | 3 | A wet cold wintery day with showers but sunshine in the afternoon, north westerly north winds with f3-5', temp 3-6oC, visibility poor/ok |
| 1 | | | | | | |



Appendix 3

| | | | | | −−−− ¢ ¢ ¢ ¢ | | | |
|----------|----------|----------|------------|----------------|-------------------------------|--|--|--|
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather | | |
| January | | | | | | <u>NO</u> | | |
| 1 | 05/01/21 | JNM | 09:30 | 12:30 | 3 | A fine dry day with prolonged sunny periods, east to north, northeast winds with f1-2, temp was 3 to 14oC, visibility good | | |
| 1 | 06/01/21 | JNM | 13:30 | 16:30 | 3 | An extremely cold frosty day with bright Supshine and clear skies, east to northeast winds with f1, temp -4 to 406, visibility good | | |
| 2 | 04/01/21 | JNM | 13:30 | 1 <u>6</u> :30 | <u>3</u> 1 | Extremely cold and frosty, calm winds, temp was 3 to 4oC, visibility good | | |
| 2 | 06/01/21 | JNM | 09:00 | 12:00 | 3 | An extremely cold frosty day with bright sunshine and clear skies, east to northeast winds with f1, temp -4 to 4oC, good visibility | | |
| February | | | | | | | | |
| 1 | 01/02/21 | JNM | 14:00 | 17:00 | 3 | A misty dull morning and day, slack south to southwest winds, temp 8oC, visibility poor/ok | | |
| 1 | 03/02/21 | JNM | 09:00 | 12:00 | 3 | A damp overcast morning, heavy rain at 10:15, southwest wind with an f3-8', temp 6oC, visibility ok | | |
| 2 | 02/02/21 | JNM | 09:00 | 12:00 | 3 | A dry morning but rain came in later in the morning, south-east winds with an f1-2', temp 8-9oC, visibility ok | | |
| 2 | 03/02/21 | JNM | 14:00 | 17:00 | 3 | A wet damp day with some dry periods in the afternoon, southwest winds with a f3-8, temp 6oC, visibility ok | | |
| March | | | | | | | | |
| 1 | 01/03/21 | JNM | 14:00 | 17:00 | 3 | A fine dry cold sunny day, slack east to southeast winds with f1-3', temp 8-10oC, good visibility | | |
| 1 | 05/03/21 | JNM | 08:30 | 11:30 | 3 | A cold dry sunny morning, east to southeast winds with f2-4', temp 4 to 9oC, good visibility | | |
| 2 | 03/03/21 | JNM | 09:00 | 12:00 | 3 | A foggy calm dry morning, slack north easterly with f1-2, temp 3-4oC, visibility poor | | |





<u>Summer 2021</u>

| 21785 | | October 202 | | | | | | |
|--|----------|-------------|------------|-------------|-------------------------------|---|--|--|
| Summer 2021 Length of VP Weather VP Date Observer Start Time Finish Time Weather April 2021 VP Veather Veather | | | | | | | | |
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather | | |
| April 2021 | | | | | | | | |
| 1 | 01.04.21 | JNM | 14.30 | 17.30 | 3 | A fine, warm, sunny afternoon with Easterwinds F3-4. Temperature 16 - 17°C with good visibility. | | |
| 1 | 06.04.21 | JNM | 11.30 | 14.30 | 3 | A dry cool morning with prolonged sunny periods and North- westerly winds F3-4. Temperature 7°C with good visibility. | | |
| 2 | 01.04.21 | JNM | 11.15 | 14.15 | 3 | A fine, dry, sunny day with Easterly winds F2-3. Temperature 14°C with good visibility. | | |
| 2 | 06.04.21 | JNM | 18.00 | 21.00 | 3 | A fine, dry, cool, sunny evening with Northerly winds F3-5. Temperature 8-5°C with good visibility. | | |
| May 2021 | | | | 1 | | | | |
| 1 | 04.05.21 | JNM | 06.00 | 09.00 | 3 | A dry, sunny start to the morning but showers moved in at 07.30a Winds West/North-westerly F3-5. Temperature 7-10°C with moderate visibility. | | |
| 1 | 06.05.21 | JNM | 10.15 | 13.15 | 3 | A fine, bright, warm, dry and sunny day with Northerly winds F1-3 Temperature 13-17°C with good visibility. | | |
| | | | | | | A mainly dry, sunny day with the occasional shower in the afterno and West/North-westerly winds F3-5/6. Temperature 7°C with go | | |
| 2 | 04.05.21 | JNM | 12.30 | 15.30 | 3 | visibility. | | |
| 2 | 06.05.21 | JNM | 07.00 | 10.00 | 3 | A very cold start to the day with strong sunshine later and Norther winds F1-3/4. Temperature 4-10°C with good visibility. | | |
| June 2021 | | | | 1 | | | | |
| 1 | 02.06.21 | JNM | 16.30 | 19.30 | 3 | A damp, dull day with Northerly winds F1-3. Temperature 12°C wi moderate visibility.08 | | |
| 1 | 08.06.21 | JNM | 10.00 | 13.00 | 3 | A fine, bright, sunny morning with slack Southerly winds. Temperature 16°C and good visibility. | | |
| 2 | 02.06.21 | JNM | 13.15 | 16.15 | 3 | A damp, wet day with Northerly winds F1-3. Temperature 12°C wi moderate visibility. | | |
| 2 | 08.06.21 | JNM | 13.15 | 16.15 | 3 | A dry day with low lying cloud and slack South-westerly winds F1- 3/4. Temperature 18°C with good visibility. | | |



Appendix 3

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|----------------|----------|----------|------------|---------------|-------------------------------|---|
| | | | | | | Weather |
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
| July 2021 | | | | | | \bigcirc |
| 1 | 05.07.21 | МИГ | 08.00 | 11.00 | 3 | A wet, damp, drizzly morning with South-westerly winds F1-4. Temperature 14=17°C with moderate visibility. |
| 1 | 06.07.21 | JNM | 13.30 | 16.30 | 3 | A damp, misty, wet afternoon with the occasional clear period and West/North-westerly winds F4-5. Temperature 14-16°C |
| 2 | 05.07.21 | MNL | 11.15 | 14.15 | 3 | Sunshine broke through the clouds midmorning to give a warm, sunny day with South-west to Westerly winds F1-4. Temperature 17°C with good visibility. |
| 2 | 06.07.21 | JNM | 07.00 | 10.00 | 3 | A wet, showery morning with West/North-westerly winds F3-5. Temperature 14-16°C with moderate visibility. |
| August 2021 | | | | | | |
| 1 | 05.08.21 | MNL | 16.30 | 19.30 | 3 | A fine, warm day with sunny spells and the odd shower. Winds West/South-westerly F3-4. Temperature 18-19°C with good visibility. |
| 1 | 06.08.21 | MNL | 16.30 | 19.30 | 3 | A wet, showery day with West/North-westerly winds F3-6. Temperature 14-16°C with fair to moderate visibility. |
| 2 | 05.08.21 | MNL | 13.15 | 16.15 | 3 | A fine, warm day with sunny spells and the odd shower. Winds West/South-westerly F3-4. Temperature 18-19°C with good visibility |
| 2 | 06.08.21 | JNM | 10.00 | 13.00 | 3 | A wet, showery day with West/North-westerly winds F3-6. Temperature 14-16°C with fair to moderate visibility. |
| September 2021 | | | | | | |
| 1 | 01.09.21 | JNM | 08.30 | 11.30 | 3 | A dull, cool, dry morning with East/North-easterly winds F2-4. Temperature 13°C with moderate visibility. |
| 1 | 02.09.21 | МИГ | 10.15 | 13.15 | 3 | A dry, dull morning with the occasional bright spell and slack Easterly winds F1. Temperature 16°C with good visibility. |
| 2 | 01.09.21 | JNM | 15.00 | 18.00 | 3 | A dry day with the odd bright spell and Easterly winds F1-4. Temperature 18-19°C with good visibility. |
| 2 | 02.09.21 | МИГ | 07.00 | 10.00 | 3 | A dull dry morning with slack Easterly winds F1. Temperature 14°C with good visibility. |



Winter 2021-2022

| 1785 | | | | Ballykett Bir | d Survey Data | October 202 |
|----------------------|------------|----------|------------|---------------|-------------------------------|---|
| <u>/inter 2021-2</u> | <u>022</u> | | | | | Weather |
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
| | | | | | | |
| 1 | 06.10.21 | JNM | 11.15 | 14.15 | 3 | Cloud Cover 8/8. Damp wet misty day. Wind WSW F1-4. Temp 11- 15oC. Visibility OK. |
| 1 | 08.10.21 | JNM | 08.00 | 11.00 | 3 | Cloud cover 8/8. Damp and wet. Wind SW F2-5. Tenp 16-17oC. Visibility OK. |
| 2 | 06.10.21 | JNM | 08.00 | 11.00 | 3 | Cloud Cover 8/8. Damp wet misty day. Wind WSW F1-4. Temp 11- 15oC. Visibility OK. |
| 2 | 08.10.21 | JNM | 14.30 | 17.30 | 3 | Cloud cover 7/8. Overcast. Wind SW F2-5. Temp 16-17oC. Visibility OK-good. |
| | | | 1 | | | |
| 1 | 03.11.21 | JNM | 07.30 | 10.30 | 3 | Cloud cover 4/8. Cold and dry. Wind N, F2-4. Temp 5-11oC. Visibili good. |
| 1 | 04.11.21 | JNM | 07.30 | 10.30 | 3 | Cloud cover 4/8. Cold and sunny. Wind N. Temp 2-4 oC. Visibility good. |
| 2 | 02.11.21 | JNM | 07.30 | 10.30 | 3 | Cloud cover 4/8. Early mist clearing to sunny day. Wind F1-2, increasing to F3-4. Temp 3-11oC. Visibility good. |
| 2 | | | 07.50 | 10.50 | 5 | Cloud cover 4/8. Cold and dry. Wind N, F2-4. Temp 5-11oC. Visibili |
| 2 | 03.11.21 | JNM | 14.00 | 17.00 | 3 | good. |
| | | | | | | |
| 1 | 06.12.21 | JNM | 08.30 | 11.30 | 3 | Cloud 8/8. Very wet. Wind W-NW F4-7. Temp 6oC. Visibility OK. |
| 1 | 08.12.21 | JNM | 14.00 | 17:00 | 3 | Cloud 8/8. Wet, windy with heavy showers. Wind W-NW F5-7. Ter 5oC. Visibility OK. |
| 2 | 03.12.21 | JNM | 14.00 | 17.00 | 3 | Cloud 8/8. Overcast and dull. Wind W, F1-3. Temp 7-9oC. Visibility good. |
| | | - | | | - | Cloud 8/8. Wet, windy with heavy showers. Wind W-NW F5-7. Ter 5oC. Visibility OK. |
| 2 | 08.12.21 | JNM | 08.00 | 11.00 | 3 | |

| | | | | , | ^ | | | | |
|----------|--|--|---|---|--|--|--|--|--|
| P.C. | | | | | | | | | |
| Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather | | | | |
| | | | | | Cloud 8/8. Damp wet and misty Wind SW F1-3. Temp 11oC. Visibility | | | | |
| 10.01.22 | JNM | 08.00 | 11.00 | 3 | poor. | | | | |
| | | | | | Cloud cover 4/8. Fine dry and sunny. Wind SSW F1-2. Temp 5-10oC. | | | | |
| 11.01.22 | JNM | 11.15 | 14. 15 | 3 | Visibility good | | | | |
| 10.01.22 | JNM | 14.30 | 17.30 | 3 | Cloud 8/8. Overcast. Wind SW F1-3. Temp 1100. Visibility poor-ok. | | | | |
| | | | | | Cloud cover 4/8. Fine dry and sunny. Wind SSW 21-2. Temp 5-10oC. | | | | |
| 11.01.22 | JNM | 08.00 | 11.00 | 3 | Visibility good | | | | |
| | | | | | | | | | |
| | | | | | Cloud 6/8. Mixed with heavy showers and sunny periods. Wind w F2- | | | | |
| 04.02.22 | JNM | 14.30 | 17.30 | 3 | 4. Temp 2-8oC. Visibility good. | | | | |
| 16.02.22 | JNM | 08.30 | 11.30 | 3 | Cloud 8/8. Wet and windy. Wind W F5-8. Temp 13oC. Visibility bad. | | | | |
| 07 02 22 | | 08.30 | 11 20 | 2 | Cloud 8/8. Damp and misty. Wind SWW F2-5. Temp 11oC. Visibility poor-ok | | | | |
| 07.02.22 | JINIVI | 08.30 | 11.50 | 5 | Cloud 8/8. Wet and windy, some sunshine. Wind W F5-8. Temp | | | | |
| 16 02 22 | INIM | 14.00 | 17.00 | 3 | 13oC. Visibility bad. | | | | |
| 10.02.22 | JINIVI | 14.00 | 17.00 | 5 | | | | | |
| | | | | | Cloud 5/8. Dry ,cold with some sunshine. Wind SE F3-4. Temp 7oC. | | | | |
| 07.03.22 | INM | 08.00 | 11.00 | 3 | Visibility good. | | | | |
| 07100122 | 5 | 00.00 | 11.00 | 5 | Cloud 7/8. Sleety showers, sunny periods. Wind SW F3-6. Temp 6- | | | | |
| 08.03.22 | JNM | 14.00 | 17.00 | 3 | 8oC. Visibility OK-good. | | | | |
| | | | | | Cloud 4/8. Cold, sunny, dry. Wind NW F1-2. Temp 0-10oC. Visibility | | | | |
| 04.03.22 | JNM | 14.00 | 17.00 | 3 | good. | | | | |
| | | | | | Cloud 7/8. Sleety showers, sunny periods. Wind SW F3-6. Temp 6- | | | | |
| 08.03.22 | JNM | 08.00 | 11.00 | 3 | 8oC. Visibility OK-good. | | | | |
| | 10.01.22 11.01.22 10.01.22 10.01.22 11.01.22 04.02.22 16.02.22 07.02.22 16.02.22 07.03.22 08.03.22 04.03.22 | 10.01.22 JNM 11.01.22 JNM 10.01.22 JNM 10.01.22 JNM 11.01.22 JNM 04.02.22 JNM 06.02.22 JNM 07.02.22 JNM 07.03.22 JNM 08.03.22 JNM 04.03.22 JNM | 10.01.22 JNM 08.00 11.01.22 JNM 11.15 10.01.22 JNM 14.30 11.01.22 JNM 08.00 04.02.22 JNM 08.00 04.02.22 JNM 14.30 16.02.22 JNM 08.30 07.02.22 JNM 08.30 07.02.22 JNM 08.30 07.03.22 JNM 08.00 08.03.22 JNM 14.00 04.03.22 JNM 14.00 | 10.01.22 JNM 08.00 11.00 11.01.22 JNM 11.15 14.15 10.01.22 JNM 14.30 17.30 11.01.22 JNM 08.00 11.00 04.02.22 JNM 14.30 17.30 04.02.22 JNM 08.30 11.30 07.02.22 JNM 08.30 11.30 07.02.22 JNM 08.30 11.30 07.03.22 JNM 08.00 11.00 07.03.22 JNM 08.00 11.00 08.03.22 JNM 14.00 17.00 04.03.22 JNM 14.00 17.00 | Date Observer Start Time Finish Time watch (hours) 10.01.22 JNM 08.00 11.00 3 11.01.22 JNM 11.15 14.15 3 10.01.22 JNM 14.30 17.30 3 11.01.22 JNM 08.00 11.00 3 11.01.22 JNM 08.00 11.00 3 11.01.22 JNM 08.00 11.00 3 04.02.22 JNM 08.00 11.00 3 04.02.22 JNM 08.30 11.30 3 16.02.22 JNM 08.30 11.30 3 07.02.22 JNM 14.00 17.00 3 06.02.22 JNM 08.00 11.00 3 07.03.22 JNM 08.00 11.00 3 08.03.22 JNM 14.00 17.00 3 04.03.22 JNM 14.00 17.00 3 | | | | |

Summer 2022

| 21785 | | | | Ballykett Bir | d Survey Data | October 2022 |
|------------|------------|----------|------------|-----------------|-------------------------------|---|
| Summer 20 | <u>122</u> | | | | | Weather |
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
| April 2022 | | | | | | Full Cloud cover, damp, wet with drizzle from time to time, |
| 2 | 12/04/2022 | JNM | 13.00 | 16.00 | 3 | wind direction Sout southeast, temp 10°C and ok visibility. |
| 1 | 12/04/2022 | JNM | 16.00 | 19.00 | 3 | Full Cloud cover, damp, wet with drizzle from time to time, rain drained late afternoon, wind direction southeast, temp 10°C and ok visibility. |
| 1 | 13/04/2022 | JNM | 13.00 | 16.00 | 3 | Cloud cover 7/8, calm day with some sunny spells, wind direction South-southeast, temp 16°C and good visibility. |
| 2 | 13/04/2022 | MNL | 16.00 | 19.00 | 3 | Cloud cover 7/8, calm day with some sunny periods and no rain, wind direction South-southeast, temp 16°C and good visibility. |
| May 2022 | | | | | | |
| 1 | 09/05/2022 | MNL | 13.30 | 1 <u>6</u> 4.30 | <u>3</u> 1 | Full cloud cover, dull, wet morning, after clear afternoon with some bright spells, wind direction southwest, wind F4-F5, temp 12°C and ok, then good visibility. |
| 2 | 09/05/2022 | JNM | 10.15 | 13.15 | 3 | Full cloud cover, wet, damp and showery morning, wind direction south, wind F1-F4, temp 12°C and ok visibility. |
| 1 | 10/05/2022 | MNL | 10.15 | 13.15 | 3 | Cloud cover 5/8, with no rain, warm day, bright and sunny, wind direction southwest, wind F5-F6, temp 14°C and good visibility. |
| 2 | 10/05/2022 | JNM | 7.00 | 10.00 | 3 | Full Cloud cover 4/5-8, mostly dry early morning with some showers, and sunshine, wind direction west, wind F4/F5-F6, temp 11°C and good visibility. |
| June 2022 | | | | | | |
| 1 | 31/05/2022 | JNM | 14.00 | 17.00 | 3 | Full cloud cover, dull with no rain, afternoon wth some sunny spells, wind direction northwest, wind F1-F3, temp 15°C and |

| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
|------------|------------|----------|------------|-------------|-------------------------------|--|
| | Butt | Costine | Start Hine | | water (nours) | good visibility. |
| 2 | 01/06/2022 | JNM | 17.05 | 20.05 | 3 | Cloud cover 1/8, very warm and suppy day, wind direction northwest, wind F1-F3, temp 17°C and good visibility. |
| 2 | 08/06/2022 | JNM | 14.00 | 17.00 | 3 | Cloud cover 6-7/8, a dry afternoon with sunny spells, wind direction west- northwest, wind F5-F6, temp16°C and goo visibility. |
| 1 | 08/06/2022 | JNM | 17.05 | 20.05 | 3 | Cloud cover 6/8, a bright sunny afternoon with strong and gusty wind, wind direction west, wind F5-F6, temp 16°C ar good visibility. |
| July 2022 | | | | | | |
| 2 | 06/07/2022 | JNM | 11.15 | 14.15 | 3 | Full Cloud cover 4/5-8, misty damp morning with mist liftin at 10.45, wind direction southwest-west, wind F1/F2, tem 15°C -17°C and fair visibility. |
| 1 | 06/07/2022 | JNM | 14.30 | 17.30 | 3 | Full cloud cover, a bit of clearance in the evening from ear misty rain, wind direction south-southwest, wind F1-F2, te 15°C-17°C and fair visibility. |
| 1 | 07/07/2022 | JNM | 8.00 | 11.00 | 3 | Full Cloud cover, misty and patchy damp morning, wind direction west, wind F1/F2, temp 15°C and poor/fair visib |
| 2 | 07/07/2022 | JNM | 15.35 | 18.35 | 3 | Full cloud cover , day heated up in late afternoon with som sunshine , wind direction west- northwest, wind F1-F5, ter 15°C-17°C and fair visibility. |
| ugust 2022 | | | | | | |
| 1 | 04/08/2022 | JNM | 15.35 | 18.35 | 3 | Cloud cover 5/8, dry day with lots of sunshine, wind direct north west F5-F6, temp 14-17oC and good visibility. |
| 1 | 08/08/2022 | JNM | 12.30 | 15.30 | 3 | Cloud cover 3/8, bad heat haze at times, wind direction we southwest F1-F3, temp 20oC and good visibilty. |
| 2 | 04/08/2022 | JNM | 12.30 | 15.30 | 3 | Cloud cover 5/8, a fine dry day with lots of sunshine, wind direction west-northwest F3-F4, temp 14-17oC and good visibility. |

| | | | | | Rec. | |
|----------------|------------|----------|------------|-------------|-------------------------------|---|
| VP | Date | Observer | Start Time | Finish Time | Length of VP watch (hours) | Weather |
| 2 | 08/08/2022 | JNM | 15.35 | 18.35 | 3 | Cloud cover 3/8, bad heat haze at times, wind direction west- southwest F1-F3, temp 20oC and good visibilty. |
| September 2022 | | | | | | |
| 1 | 02/09/2022 | AC | 08:50 | 11:50 | 3 | Cloud cover 8/8, wind direction southwest, light showers, temp13-17 °C, good visibility. |
| 1 | 02/09/2022 | AC | 12:20 | 15:20 | 3 | Cloud cover 8/8, wind direction southwest, light showers, temp13-17 °C, good visibility. |
| 2 | 02/09/2022 | SN | 08:45 | 11:45 | 3 | Cloud cover 8/8, wind direction southwest, light showers, temp13-17 °C, good visibility. |
| 2 | 02/09/2022 | SN | 12:15 | 15:15 | 3 | Cloud cover 8/8, wind direction southwest, light showers, temp13-17 °C, good visibility. |