

# *Annual Final Report*

## *AFR*

Kjell Inge Malde, Director/Editor  
Böreholen 20, N-4085 Hundvaag NORWAY



Web: <http://www.cv-helios.net>  
Email: [cvhelios@gmail.com](mailto:cvhelios@gmail.com)

Year number 15

AFR for the year 1995

ISSN 2535-3799

1995

### **CV-Helios Network Annual Final Report for 1995**

In the year 1995, Solar Cycle no. 22

The Average CV was: 20,8 and the Average 6-rot. Smoothed CV was: 25,2

The Average CV-USAF was: 16,1

giving an Estimated STDEV of: 6,1

CV-Helios Network observed on 365 days

CV-Helios Network had a total of 3064 observations in 1995

CV-Helios Network have received 198 observation entries in the year 1995

CV-Helios Network's observers had an average of 15,5 observations per day

This Annual Final Report contain results from 18 CV-observers

A sincere thanks to all observers for their fine contributions in the passed year.

CV-Helios Network 01. April 1996



---

Kjell Inge Malde  
Director



## CV-Helios Network Annual Final Report for 1995

| Collated results CV for the year 1995 |              |              |              |              |              |              |              |              |              |              |              |              |
|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| CV                                    | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
| 1                                     | 0,75         | 32,83        | 56,00        | 7,60         | 1,00         | 0,17         | 25,86        | 14,79        | 24,83        | 0,00         | 0,40         | 0,75         |
| 2                                     | 0,67         | 43,17        | 58,86        | 19,08        | 0,57         | 4,70         | 28,18        | 11,36        | 20,91        | 0,25         | 0,75         | 0,67         |
| 3                                     | 0,57         | 21,86        | 73,17        | 13,25        | 1,00         | 3,57         | 29,89        | 12,77        | 29,18        | 4,44         | 0,00         | 0,57         |
| 4                                     | 2,67         | 33,67        | 71,91        | 6,80         | 0,83         | 11,73        | 31,11        | 7,33         | 32,20        | 0,00         | 0,00         | 2,67         |
| 5                                     | 3,50         | 24,89        | 59,70        | 0,70         | 5,45         | 25,93        | 35,50        | 8,00         | 18,85        | 0,00         | 3,73         | 3,50         |
| 6                                     | 0,60         | 18,00        | 56,20        | 1,40         | 6,93         | 35,25        | 46,82        | 19,18        | 15,17        | 0,14         | 10,33        | 0,60         |
| 7                                     | 0,14         | 26,56        | 37,13        | 1,00         | 19,92        | 48,25        | 51,13        | 10,89        | 0,54         | 18,44        | 9,33         | 0,14         |
| 8                                     | 4,50         | 15,80        | 19,00        | 1,30         | 23,90        | 37,43        | 51,57        | 1,60         | 1,20         | 20,57        | 17,50        | 4,50         |
| 9                                     | 0,00         | 21,75        | 5,38         | 1,08         | 28,09        | 28,20        | 49,71        | 1,00         | 0,70         | 36,31        | 15,00        | 0,00         |
| 10                                    | 1,67         | 32,20        | 1,33         | 1,00         | 21,90        | 33,40        | 31,92        | 1,86         | 0,42         | 39,73        | 24,57        | 1,67         |
| 11                                    | 1,33         | 22,38        | 1,75         | 18,89        | 19,91        | 28,86        | 24,38        | 2,17         | 0,36         | 71,29        | 22,13        | 1,33         |
| 12                                    | 1,25         | 29,64        | 3,18         | 24,56        | 22,30        | 29,63        | 20,18        | 2,27         | 1,56         | 94,78        | 25,00        | 1,25         |
| 13                                    | 1,67         | 24,17        | 2,25         | 35,45        | 33,00        | 18,11        | 5,75         | 1,54         | 1,40         | 89,33        | 29,50        | 1,67         |
| 14                                    | 11,00        | 32,17        | 5,75         | 46,42        | 26,89        | 4,75         | 19,25        | 2,40         | 8,00         | 65,67        | 41,00        | 11,00        |
| 15                                    | 13,33        | 24,00        | 38,13        | 62,50        | 25,75        | 1,11         | 31,92        | 3,25         | 2,10         | 54,73        | 27,00        | 13,33        |
| 16                                    | 27,00        | 49,20        | 32,86        | 71,40        | 70,00        | 0,00         | 33,00        | 11,18        | 2,36         | 76,50        | 36,50        | 27,00        |
| 17                                    | 20,17        | 49,17        | 36,25        | 62,38        | 77,10        | 0,75         | 31,67        | 2,09         | 1,11         | 53,78        | 23,43        | 20,17        |
| 18                                    | 55,33        | 40,55        | 38,67        | 54,73        | 94,50        | 9,63         | 27,86        | 1,85         | 1,89         | 57,67        | 18,67        | 55,33        |
| 19                                    | 31,17        | 40,50        | 35,00        | 38,88        | 77,13        | 16,60        | 14,75        | 1,19         | 9,33         | 44,25        | 17,00        | 31,17        |
| 20                                    | 77,00        | 48,63        | 42,43        | 37,91        | 54,45        | 18,77        | 10,92        | 0,40         | 18,50        | 46,63        | 7,67         | 77,00        |
| 21                                    | 49,25        | 40,00        | 40,60        | 32,78        | 36,69        | 19,00        | 6,67         | 1,54         | 20,75        | 38,00        | 5,50         | 49,25        |
| 22                                    | 78,80        | 49,33        | 58,50        | 9,38         | 16,86        | 23,18        | 2,50         | 1,33         | 23,80        | 31,80        | 5,38         | 78,80        |
| 23                                    | 55,20        | 49,20        | 57,83        | 0,70         | 0,58         | 16,45        | 0,43         | 3,91         | 28,00        | 36,30        | 1,00         | 55,20        |
| 24                                    | 49,50        | 27,60        | 72,50        | 0,75         | 0,50         | 16,50        | 1,08         | 35,88        | 16,43        | 16,50        | 0,00         | 49,50        |
| 25                                    | 35,25        | 28,88        | 47,18        | 0,57         | 1,50         | 13,92        | 0,79         | 53,18        | 12,89        | 11,56        | 0,00         | 35,25        |
| 26                                    | 42,00        | 36,50        | 50,22        | 0,57         | 1,71         | 15,77        | 1,29         | 59,73        | 11,00        | 8,80         | 0,00         | 42,00        |
| 27                                    | 22,33        | 43,67        | 37,63        | 0,00         | 1,11         | 5,00         | 1,70         | 38,00        | 4,50         | 9,29         | 0,00         | 22,33        |
| 28                                    | 21,75        | 50,17        | 43,00        | 0,75         | 2,67         | 1,62         | 0,89         | 34,73        | 2,00         | 8,71         | 7,00         | 21,75        |
| 29                                    | 14,67        |              | 26,71        | 1,67         | 8,00         | 1,93         | 1,55         | 18,43        | 1,45         | 1,00         | 9,67         | 14,67        |
| 30                                    | 29,17        |              | 27,50        | 1,38         | 3,33         | 11,60        | 1,42         | 21,80        | 1,18         | 0,00         | 15,00        | 29,17        |
| 31                                    | 28,17        |              | 19,57        |              | 1,88         |              | 3,33         | 25,90        |              | 0,00         |              | 28,17        |
| <b>21,77</b>                          | <b>21,95</b> | <b>34,16</b> | <b>37,30</b> | <b>18,50</b> | <b>22,11</b> | <b>16,06</b> | <b>20,10</b> | <b>13,28</b> | <b>10,42</b> | <b>30,21</b> | <b>12,43</b> | <b>21,95</b> |

## CV-Helios Network Annual Final Report for 1995

| Collated results Observers for the year 1995 |             |             |             |             |              |              |              |              |             |             |             |             |
|--|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|
| Obsrvrs.                                     | Jan         | Feb         | Mar         | Apr         | May          | Jun          | Jul          | Aug          | Sep         | Oct         | Nov         | Dec         |
| 1  | 8           | 6           | 6           | 5           | 13           | 6            | 14           | 14           | 6           | 5           | 5           | 8           |
| 2  | 3           | 6           | 7           | 12          | 14           | 10           | 11           | 14           | 11          | 8           | 4           | 3           |
| 3  | 7           | 7           | 6           | 12          | 10           | 14           | 9            | 13           | 11          | 9           | 4           | 7           |
| 4  | 9           | 3           | 11          | 10          | 12           | 11           | 9            | 15           | 10          | 8           | 8           | 9           |
| 5  | 6           | 9           | 10          | 10          | 11           | 14           | 12           | 13           | 13          | 6           | 11          | 6           |
| 6  | 5           | 6           | 5           | 5           | 14           | 12           | 11           | 11           | 12          | 7           | 6           | 5           |
| 7  | 7           | 9           | 8           | 9           | 12           | 8            | 15           | 9            | 13          | 9           | 6           | 7           |
| 8  | 6           | 5           | 6           | 10          | 10           | 7            | 14           | 10           | 5           | 7           | 4           | 6           |
| 9  | 1           | 8           | 8           | 12          | 11           | 10           | 14           | 12           | 10          | 13          | 6           | 1           |
| 10   | 3           | 5           | 9           | 5           | 10           | 10           | 13           | 14           | 12          | 11          | 7           | 3           |
| 11   | 6           | 8           | 12          | 9           | 11           | 7            | 13           | 12           | 11          | 7           | 8           | 6           |
| 12   | 4           | 11          | 11          | 9           | 10           | 8            | 11           | 11           | 9           | 9           | 12          | 4           |
| 13   | 6           | 6           | 8           | 11          | 5            | 9            | 12           | 13           | 5           | 6           | 6           | 6           |
| 14   | 7           | 6           | 4           | 12          | 9            | 4            | 12           | 10           | 5           | 6           | 1           | 7           |
| 15   | 6           | 3           | 8           | 10          | 12           | 9            | 12           | 8            | 10          | 11          | 3           | 6           |
| 16   | 4           | 5           | 7           | 10          | 9            | 8            | 12           | 11           | 11          | 8           | 4           | 4           |
| 17   | 6           | 6           | 4           | 8           | 10           | 8            | 9            | 11           | 9           | 9           | 7           | 6           |
| 18   | 3           | 11          | 9           | 11          | 6            | 8            | 7            | 13           | 9           | 6           | 9           | 3           |
| 19   | 6           | 6           | 6           | 8           | 8            | 15           | 12           | 16           | 9           | 4           | 3           | 6           |
| 20   | 4           | 8           | 7           | 11          | 11           | 13           | 12           | 10           | 4           | 8           | 3           | 4           |
| 21   | 8           | 8           | 10          | 9           | 13           | 12           | 12           | 13           | 8           | 8           | 4           | 8           |
| 22   | 5           | 9           | 10          | 8           | 14           | 11           | 10           | 15           | 10          | 10          | 8           | 5           |
| 23   | 5           | 5           | 12          | 10          | 12           | 11           | 7            | 11           | 5           | 10          | 2           | 5           |
| 24   | 4           | 5           | 10          | 8           | 12           | 8            | 12           | 8            | 7           | 8           | 3           | 4           |
| 25   | 4           | 8           | 11          | 7           | 10           | 12           | 14           | 11           | 9           | 9           | 5           | 4           |
| 26   | 3           | 8           | 9           | 7           | 7            | 13           | 14           | 11           | 6           | 5           | 5           | 3           |
| 27   | 6           | 6           | 8           | 7           | 9            | 14           | 10           | 10           | 8           | 7           | 4           | 6           |
| 28   | 8           | 6           | 4           | 8           | 12           | 13           | 9            | 11           | 12          | 7           | 3           | 8           |
| 29   | 6           |             | 7           | 9           | 9            | 14           | 11           | 7            | 11          | 6           | 3           | 6           |
| 30   | 6           |             | 10          | 8           | 9            | 15           | 12           | 10           | 11          | 5           | 3           | 6           |
| 31   | 6           |             | 7           |             | 8            |              | 15           | 10           |             | 4           |             | 6           |
| <b>8,41</b>                                  | <b>5,42</b> | <b>6,75</b> | <b>8,06</b> | <b>9,00</b> | <b>10,42</b> | <b>10,47</b> | <b>11,61</b> | <b>11,52</b> | <b>9,07</b> | <b>7,61</b> | <b>5,23</b> | <b>5,42</b> |

## CV-Helios Network Annual Final Report for 1995

| Collated results CV-USAF for the year 1995 |              |              |              |              |              |              |              |             |             |              |             |              |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------|-------------|--------------|
| USAF-CV                                    | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug         | Sep         | Oct          | Nov         | Dec          |
| 1  |              | 20,79        | 40,89        | 2,80         | 0,00         |              | 15,25        | 7,22        | 14,47       |              |             |              |
| 2  |              | 29,48        | 43,50        | 10,21        |              | 1,32         | 17,07        | 5,01        | 11,53       |              |             |              |
| 3  |              | 12,23        | 56,97        | 6,21         | 0,00         | 0,82         | 18,42        | 5,90        | 17,86       | 1,20         |             |              |
| 4  | 0,47         | 21,47        | 55,76        | 2,36         |              | 5,24         | 19,40        | 2,65        | 20,28       |              |             | 0,47         |
| 5  | 0,80         | 14,51        | 44,28        |              | 1,68         | 15,31        | 22,98        | 3,02        | 10,04       |              | 0,89        | 0,80         |
| 6  |              | 9,44         | 41,07        | 0,09         | 2,43         | 22,78        | 32,66        | 10,28       | 7,48        |              | 4,38        |              |
| 7  |              | 15,79        | 24,34        | 0,00         | 10,81        | 33,92        | 36,49        | 4,72        |             | 9,75         | 3,78        |              |
| 8  | 1,23         | 7,91         | 10,15        | 0,06         | 13,76        | 24,59        | 36,88        | 0,14        | 0,04        | 11,28        | 9,08        | 1,23         |
| 9  |              | 12,15        | 1,64         | 0,02         | 16,99        | 17,08        | 35,22        | 0,00        |             | 23,65        | 7,37        |              |
| 10   | 0,15         | 20,28        | 0,07         | 0,00         | 12,26        | 21,25        | 20,05        | 0,21        |             | 26,53        | 14,27       | 0,15         |
| 11   | 0,07         | 12,61        | 0,18         | 10,07        | 10,80        | 17,60        | 14,13        | 0,30        |             | 55,17        | 12,43       | 0,07         |
| 12   | 0,05         | 18,22        | 0,67         | 14,26        | 12,56        | 18,21        | 11,00        | 0,34        | 0,12        | 78,24        | 14,60       | 0,05         |
| 13   | 0,15         | 13,96        | 0,33         | 22,95        | 20,93        | 9,51         | 1,82         | 0,12        | 0,09        | 72,79        | 18,11       | 0,15         |
| 14   | 4,78         | 20,25        | 1,82         | 32,31        | 16,05        | 1,34         | 10,33        | 0,38        | 3,02        | 49,84        | 27,62       | 4,78         |
| 15   | 6,26         | 13,83        | 25,18        | 46,88        | 15,17        | 0,02         | 20,05        | 0,69        | 0,28        | 39,73        | 16,14       | 6,26         |
| 16   | 16,14        | 34,77        | 20,81        | 55,28        | 53,94        |              | 20,93        | 4,90        | 0,37        | 60,18        | 23,81       | 16,14        |
| 17   | 10,99        | 34,74        | 23,61        | 46,76        | 60,76        |              | 19,85        | 0,28        | 0,02        | 38,87        | 13,40       | 10,99        |
| 18   | 40,28        | 27,23        | 25,63        | 39,73        | 77,96        | 3,95         | 16,81        | 0,21        | 0,22        | 42,41        | 9,91        | 40,28        |
| 19   | 19,44        | 27,19        | 22,57        | 25,81        | 60,79        | 8,46         | 7,20         | 0,04        | 3,78        | 30,42        | 8,74        | 19,44        |
| 20   | 60,67        | 34,26        | 28,84        | 24,99        | 39,48        | 9,98         | 4,73         |             | 9,79        | 32,49        | 2,83        | 60,67        |
| 21   | 34,81        | 26,76        | 27,27        | 20,75        | 23,98        | 10,15        | 2,29         | 0,12        | 11,41       | 25,07        | 1,70        | 34,81        |
| 22   | 62,41        | 34,88        | 43,17        | 3,81         | 8,64         | 13,22        | 0,42         | 0,07        | 13,68       | 19,95        | 1,64        | 62,41        |
| 23   | 40,16        | 34,77        | 42,56        |              |              | 8,36         |              | 0,97        | 16,92       | 23,65        | 0,00        | 40,16        |
| 24   | 35,03        | 16,61        | 56,33        |              |              | 8,39         | 0,02         | 23,29       | 8,34        | 8,39         |             | 35,03        |
| 25   | 22,78        | 17,61        | 32,98        |              | 0,11         | 6,65         |              | 38,33       | 5,98        | 5,13         |             | 22,78        |
| 26   | 28,47        | 23,81        | 35,68        |              | 0,17         | 7,89         | 0,06         | 44,30       | 4,78        | 3,47         |             | 28,47        |
| 27   | 12,58        | 29,91        | 24,76        |              | 0,02         | 1,46         | 0,16         | 25,07       | 1,23        | 3,75         |             | 12,58        |
| 28   | 12,15        | 35,63        | 29,33        |              | 0,47         | 0,14         |              | 22,34       | 0,25        | 3,42         | 2,47        | 12,15        |
| 29   | 7,14         |              | 15,92        | 0,15         | 3,02         | 0,23         | 0,12         | 9,74        | 0,10        | 0,00         | 3,98        | 7,14         |
| 30   | 17,84        |              | 16,53        | 0,08         | 0,73         | 5,16         | 0,09         | 12,19       | 0,04        |              | 7,37        | 17,84        |
| 31   | 17,05        |              | 10,56        |              | 0,21         |              | 0,73         | 15,29       |             |              |             | 17,05        |
| <b>16,13</b>                               | <b>18,08</b> | <b>22,18</b> | <b>25,92</b> | <b>15,89</b> | <b>17,17</b> | <b>10,11</b> | <b>13,76</b> | <b>7,94</b> | <b>6,23</b> | <b>27,72</b> | <b>9,30</b> | <b>18,08</b> |

## CV-Helios Network Annual Final Report for 1995

| Collated results STDEV for the year 1995 |             |             |             |             |             |             |             |             |             |             |             |             |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| std. Dev.                                | Jan         | Feb         | Mar         | Apr         | May         | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         |
| 1  |             | 8,51        | 10,69       | 3,40        | 0,71        |             | 7,50        | 5,35        | 7,33        |             |             |             |
| 2  |             | 9,68        | 10,86       | 6,28        |             | 2,39        | 7,86        | 4,49        | 6,63        |             |             |             |
| 3  |             | 6,81        | 11,45       | 4,98        | 0,71        | 1,94        | 8,11        | 4,86        | 8,01        | 2,29        |             |             |
| 4  | 1,55        | 8,62        | 11,42       | 3,14        |             | 4,59        | 8,28        | 3,31        | 8,43        |             |             | 1,55        |
| 5  | 1,91        | 7,34        | 10,90       |             | 2,67        | 7,51        | 8,85        | 3,52        | 6,23        |             | 2,01        | 1,91        |
| 6  |             | 6,06        | 10,70       | 0,93        | 3,18        | 8,82        | 10,01       | 6,30        | 5,44        |             | 4,21        |             |
| 7  |             | 7,61        | 9,04        | 0,71        | 6,44        | 10,13       | 10,35       | 4,37        |             | 6,15        | 3,93        |             |
| 8  | 2,31        | 5,58        | 6,26        | 0,88        | 7,17        | 9,08        | 10,39       | 1,03        | 0,82        | 6,57        | 5,95        | 2,31        |
| 9  |             | 6,79        | 2,64        | 0,75        | 7,85        | 7,86        | 10,25       | 0,71        |             | 8,95        | 5,40        |             |
| 10                                       | 1,07        | 8,43        | 0,89        | 0,71        | 6,82        | 8,59        | 8,39        | 1,17        |             | 9,33        | 7,29        | 1,07        |
| 11                                       | 0,89        | 6,90        | 1,11        | 6,24        | 6,44        | 7,96        | 7,25        | 1,32        |             | 11,40       | 6,86        | 0,89        |
| 12                                       | 0,85        | 8,07        | 1,78        | 7,28        | 6,89        | 8,07        | 6,49        | 1,37        | 1,01        | 11,69       | 7,36        | 0,85        |
| 13                                       | 1,07        | 7,22        | 1,36        | 8,84        | 8,54        | 6,08        | 2,78        | 1,00        | 0,93        | 11,70       | 8,06        | 1,07        |
| 14                                       | 4,40        | 8,43        | 2,78        | 9,98        | 7,66        | 2,41        | 6,31        | 1,43        | 3,52        | 11,19       | 9,46        | 4,40        |
| 15                                       | 5,00        | 7,19        | 9,16        | 11,05       | 7,48        | 0,77        | 8,39        | 1,81        | 1,29        | 10,61       | 7,68        | 5,00        |
| 16                                       | 7,68        | 10,21       | 8,52        | 11,40       | 11,36       |             | 8,54        | 4,44        | 1,41        | 11,54       | 8,97        | 7,68        |
| 17                                       | 6,49        | 10,20       | 8,94        | 11,04       | 11,55       |             | 8,36        | 1,28        | 0,77        | 10,54       | 7,09        | 6,49        |
| 18                                       | 10,65       | 9,42        | 9,22        | 10,61       | 11,69       | 4,01        | 7,81        | 1,16        | 1,18        | 10,79       | 6,19        | 10,65       |
| 19                                       | 8,29        | 9,41        | 8,79        | 9,24        | 11,55       | 5,76        | 5,34        | 0,81        | 3,93        | 9,78        | 5,84        | 8,29        |
| 20                                       | 11,55       | 10,16       | 9,61        | 9,13        | 10,59       | 6,21        | 4,37        |             | 6,16        | 9,99        | 3,42        | 11,55       |
| 21                                       | 10,21       | 9,36        | 9,42        | 8,51        | 8,99        | 6,26        | 3,09        | 1,00        | 6,60        | 9,14        | 2,69        | 10,21       |
| 22                                       | 11,59       | 10,22       | 10,84       | 3,94        | 5,81        | 7,05        | 1,47        | 0,89        | 7,15        | 8,38        | 2,64        | 11,59       |
| 23                                       | 10,64       | 10,21       | 10,80       |             |             | 5,72        |             | 2,08        | 7,83        | 8,95        | 0,71        | 10,64       |
| 24                                       | 10,23       | 7,77        | 11,44       |             |             | 5,73        | 0,75        | 8,90        | 5,72        | 5,73        |             | 10,23       |
| 25                                       | 8,82        | 7,96        | 10,04       |             | 0,98        | 5,14        |             | 10,50       | 4,89        | 4,54        |             | 8,82        |
| 26                                       | 9,57        | 8,97        | 10,29       |             | 1,09        | 5,57        | 0,87        | 10,91       | 4,40        | 3,77        |             | 9,57        |
| 27                                       | 6,90        | 9,73        | 9,10        |             | 0,77        | 2,50        | 1,09        | 9,14        | 2,31        | 3,91        |             | 6,90        |
| 28                                       | 6,79        | 10,28       | 9,66        |             | 1,55        | 1,04        |             | 8,76        | 1,24        | 3,74        | 3,20        | 6,79        |
| 29                                       | 5,32        |             | 7,63        | 1,07        | 3,52        | 1,20        | 1,01        | 6,14        | 0,96        | 0,71        | 4,02        | 5,32        |
| 30                                       | 8,01        |             | 7,76        | 0,92        | 1,84        | 4,56        | 0,94        | 6,80        | 0,81        |             | 5,40        | 8,01        |
| 31                                       | 7,86        |             | 6,37        |             | 1,17        |             | 1,84        | 7,50        |             |             |             | 7,86        |
| <b>6,15</b>                              | <b>6,38</b> | <b>8,47</b> | <b>8,05</b> | <b>5,70</b> | <b>5,74</b> | <b>5,44</b> | <b>5,95</b> | <b>4,08</b> | <b>4,04</b> | <b>7,97</b> | <b>5,38</b> | <b>6,38</b> |

## CV-Helios Network Annual Final Report for 1995

| Collated results CV 6 rot. averages for the year 1995 |              |              |              |              |              |              |              |              |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| CV-6 rot.   | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
| 1   | 37,76        | 35,85        | 33,21        | 30,34        | 26,82        | 25,82        | 26,80        | 23,97        | 19,65        | 15,63        | 17,10        | 16,97        |
| 2   | 37,54        | 36,07        | 33,56        | 29,94        | 26,81        | 25,67        | 26,78        | 23,79        | 19,42        | 15,43        | 17,00        | 16,85        |
| 3   | 37,37        | 36,09        | 34,00        | 29,69        | 26,81        | 25,58        | 26,49        | 23,57        | 19,24        | 15,40        | 17,00        | 16,72        |
| 4   | 37,19        | 36,17        | 34,44        | 29,42        | 26,77        | 25,50        | 26,38        | 23,37        | 19,00        | 15,39        | 16,99        | 16,63        |
| 5   | 37,06        | 36,24        | 34,77        | 29,21        | 26,77        | 25,57        | 26,12        | 23,12        | 18,82        | 15,39        | 17,01        | 16,55        |
| 6   | 36,90        | 36,31        | 35,07        | 29,16        | 26,78        | 25,60        | 26,07        | 22,94        | 18,61        | 15,39        | 17,06        | 16,47        |
| 7   | 36,77        | 36,45        | 35,25        | 28,95        | 26,90        | 25,78        | 26,08        | 22,83        | 18,38        | 15,50        | 17,11        | 16,38        |
| 8   | 36,69        | 36,49        | 35,27        | 28,51        | 26,95        | 25,85        | 26,18        | 22,67        | 18,13        | 15,62        | 17,20        | 16,37        |
| 9   | 36,68        | 36,52        | 35,12        | 28,28        | 26,99        | 25,88        | 26,22        | 22,45        | 17,97        | 15,84        | 17,24        | 16,36        |
| 10  | 36,67        | 36,44        | 34,89        | 27,95        | 27,00        | 26,02        | 26,28        | 22,20        | 17,81        | 16,07        | 17,37        | 16,36        |
| 11  | 36,65        | 36,05        | 34,73        | 27,67        | 27,04        | 26,18        | 26,30        | 21,90        | 17,69        | 16,50        | 17,49        | 16,30        |
| 12  | 36,64        | 35,70        | 34,65        | 27,38        | 27,12        | 26,35        | 26,33        | 21,58        | 17,65        | 17,07        | 17,65        | 16,15        |
| 13  | 36,63        | 35,26        | 34,43        | 27,00        | 27,21        | 26,45        | 26,19        | 21,23        | 17,54        | 17,61        | 17,80        | 15,99        |
| 14  | 36,55        | 34,85        | 34,26        | 26,83        | 27,29        | 26,48        | 26,13        | 20,80        | 17,51        | 18,00        | 18,03        | 15,87        |
| 15  | 36,48        | 34,34        | 34,23        | 26,82        | 27,44        | 26,48        | 26,13        | 20,38        | 17,48        | 18,33        | 18,12        | 15,76        |
| 16  | 36,49        | 33,93        | 34,14        | 26,90        | 27,86        | 26,48        | 26,07        | 20,08        | 17,49        | 18,77        | 18,18        | 15,71        |
| 17  | 36,52        | 33,58        | 34,08        | 26,98        | 28,27        | 26,47        | 26,13        | 19,75        | 17,49        | 19,05        | 18,11        | 15,55        |
| 18  | 36,71        | 33,12        | 33,97        | 27,05        | 28,73        | 26,50        | 26,09        | 19,54        | 17,50        | 19,28        | 17,93        | 15,58        |
| 19  | 36,73        | 32,70        | 33,75        | 27,08        | 29,06        | 26,60        | 26,03        | 19,43        | 17,55        | 19,41        | 17,81        | 15,45        |
| 20  | 37,03        | 32,45        | 33,54        | 27,13        | 29,27        | 26,71        | 25,99        | 19,40        | 17,65        | 19,52        | 17,68        | 15,62        |
| 21  | 37,13        | 32,27        | 33,51        | 27,03        | 29,39        | 26,80        | 25,86        | 19,40        | 17,77        | 19,62        | 17,51        | 15,72        |
| 22  | 37,34        | 32,25        | 33,43        | 26,99        | 29,16        | 26,94        | 25,78        | 19,40        | 17,80        | 19,69        | 17,37        | 16,05        |
| 23  | 37,25        | 32,31        | 33,22        | 26,94        | 28,75        | 27,03        | 25,65        | 19,40        | 17,82        | 19,78        | 17,19        | 16,27        |
| 24  | 37,13        | 32,31        | 33,11        | 26,92        | 28,33        | 27,13        | 25,46        | 19,60        | 17,71        | 19,67        | 17,08        | 16,53        |
| 25  | 36,87        | 32,37        | 32,74        | 26,90        | 27,99        | 27,20        | 25,33        | 19,89        | 17,50        | 19,58        | 17,05        | 16,63        |
| 26  | 36,71        | 32,48        | 32,47        | 26,91        | 27,65        | 27,29        | 25,16        | 20,03        | 17,19        | 19,48        | 17,05        | 16,69        |
| 27  | 36,41        | 32,70        | 32,18        | 26,90        | 27,29        | 27,25        | 25,02        | 20,06        | 16,78        | 19,11        | 17,05        | 16,63        |
| 28  | 36,15        | 32,94        | 31,98        | 26,89        | 26,95        | 27,18        | 24,83        | 20,05        | 16,41        | 18,69        | 17,08        | 16,57        |
| 29  | 35,90        |              | 31,70        | 26,86        | 26,69        | 27,03        | 24,69        | 19,92        | 16,09        | 18,12        | 17,09        | 16,49        |
| 30  | 35,75        |              | 31,36        | 26,85        | 26,36        | 26,98        | 24,40        | 19,84        | 15,86        | 17,65        | 17,08        | 16,58        |
| 31  | 35,76        |              | 30,85        |              | 26,07        |              | 24,12        | 19,74        |              | 17,32        |              | 16,68        |
| <b>25,14</b>  | <b>36,76</b> | <b>34,44</b> | <b>33,68</b> | <b>27,72</b> | <b>27,50</b> | <b>26,43</b> | <b>25,84</b> | <b>21,04</b> | <b>17,78</b> | <b>17,67</b> | <b>17,38</b> | <b>16,27</b> |



### CV-Helios Network Annual Final Report for 1995

| NOAA Regions year 1995 |      |          |       |      |       |     | 102 regions |      |      |       |      |       |
|------------------------|------|----------|-------|------|-------|-----|-------------|------|------|-------|------|-------|
| Reg.                   | Date | Lat.     | Long. | Rot. | Class |     | Reg.        | Date | Lat. | Long. | Rot. | Class |
| 1                      | 7823 | 04.01.95 | -10   | 237  | 1891  | AXX | 271         |      |      |       |      |       |
| 2                      | 7825 | 05.01.95 | -01   | 250  | 1891  | BXO | 272         |      |      |       |      |       |
| 3                      | 7826 | 11.01.95 | -06   | 213  | 1891  | BXO | 273         |      |      |       |      |       |
| 4                      | 7827 | 14.01.95 | -07   | 113  | 1891  | BXO | 274         |      |      |       |      |       |
| 5                      | 7828 | 18.01.95 | -13   | 135  | 1891  | BXO | 275         |      |      |       |      |       |
| 6                      | 7829 | 18.01.95 | -13   | 45   | 1891  | CSO | 276         |      |      |       |      |       |
| 7                      | 7830 | 20.01.95 | 15    | 35   | 1891  | BXO | 277         |      |      |       |      |       |
| 8                      | 7831 | 20.01.95 | 00    | 99   | 1891  | CSO | 278         |      |      |       |      |       |
| 9                      | 7832 | 23.01.95 | -16   | 03   | 1892  | BXO | 279         |      |      |       |      |       |
| 10                     | 7833 | 29.01.95 | -17   | 268  | 1892  | CAO | 280         |      |      |       |      |       |
| 11                     | 7834 | 31.01.95 | -13   | 241  | 1892  | CSO | 281         |      |      |       |      |       |
| 12                     | 7835 | 02.02.95 | -09   | 218  | 1892  | BXO | 282         |      |      |       |      |       |
| 13                     | 7836 | 03.02.95 | -07   | 264  | 1892  | CAO | 283         |      |      |       |      |       |
| 14                     | 7837 | 06.02.95 | 02    | 239  | 1892  | BXO | 284         |      |      |       |      |       |
| 15                     | 7838 | 09.02.95 | 08    | 116  | 1892  | BXO | 285         |      |      |       |      |       |
| 16                     | 7839 | 11.02.95 | -17   | 188  | 1892  | AXX | 286         |      |      |       |      |       |
| 17                     | 7840 | 10.02.95 | -02   | 104  | 1892  | AXX | 287         |      |      |       |      |       |
| 18                     | 7841 | 15.02.95 | 02    | 133  | 1892  | BXO | 288         |      |      |       |      |       |
| 19                     | 7842 | 15.02.95 | -14   | 44   | 1892  | CSO | 289         |      |      |       |      |       |
| 20                     | 7843 | 17.02.95 | -15   | 35   | 1892  | AXX | 290         |      |      |       |      |       |
| 21                     | 7844 | 20.02.95 | 12    | 19   | 1892  | DSO | 291         |      |      |       |      |       |
| 22                     | 7845 | 23.02.95 | -14   | 297  | 1893  | CSO | 292         |      |      |       |      |       |
| 23                     | 7846 | 27.02.95 | -16   | 259  | 1893  | CAO | 293         |      |      |       |      |       |
| 24                     | 7847 | 28.02.95 | -12   | 243  | 1893  | AXX | 294         |      |      |       |      |       |
| 25                     | 7848 | 01.03.95 | -13   | 275  | 1893  | AXX | 295         |      |      |       |      |       |
| 26                     | 7849 | 04.03.95 | -07   | 264  | 1893  | BXO | 296         |      |      |       |      |       |
| 27                     | 7850 | 05.03.95 | -22   | 208  | 1893  | BXO | 297         |      |      |       |      |       |
| 28                     | 7851 | 12.03.95 | -15   | 84   | 1893  | AXX | 298         |      |      |       |      |       |
| 29                     | 7852 | 13.03.95 | -07   | 111  | 1893  | BXO | 299         |      |      |       |      |       |
| 30                     | 7853 | 14.03.95 | -09   | 164  | 1893  | BXO | 300         |      |      |       |      |       |
| 31                     | 7854 | 15.03.95 | -15   | 31   | 1893  | DAO | 301         |      |      |       |      |       |
| 32                     | 7855 | 18.03.95 | -24   | 55   | 1893  | AXX | 302         |      |      |       |      |       |
| 33                     | 7856 | 19.03.95 | 12    | 17   | 1893  | DRO | 303         |      |      |       |      |       |
| 34                     | 7857 | 19.03.95 | 14    | 350  | 1894  | AXX | 304         |      |      |       |      |       |
| 35                     | 7858 | 24.03.95 | -17   | 275  | 1894  | CSO | 305         |      |      |       |      |       |
| 36                     | 7860 | 30.03.95 | -02   | 262  | 1894  | BXO | 306         |      |      |       |      |       |
| 37                     | 7861 | 30.03.95 | -02   | 280  | 1894  | BXO | 307         |      |      |       |      |       |
| 38                     | 7863 | 11.04.95 | -04   | 37   | 1894  | BXO | 308         |      |      |       |      |       |
| 39                     | 7864 | 13.04.95 | 13    | 38   | 1894  | BXO | 309         |      |      |       |      |       |
| 40                     | 7865 | 02.05.95 | 12    | 225  | 1895  | BXO | 310         |      |      |       |      |       |
| 41                     | 7867 | 05.05.95 | -11   | 208  | 1895  | BXO | 311         |      |      |       |      |       |
| 42                     | 7869 | 07.05.95 | -03   | 48   | 1895  | CSO | 312         |      |      |       |      |       |
| 43                     | 7870 | 11.05.95 | 12    | 28   | 1895  | AXX | 313         |      |      |       |      |       |
| 44                     | 7871 | 14.05.95 | -17   | 00   | 1896  | AXX | 314         |      |      |       |      |       |
| 45                     | 7872 | 14.05.95 | 12    | 323  | 1896  | AXX | 315         |      |      |       |      |       |
| 46                     | 7873 | 29.05.95 | 09    | 158  | 1896  | AXX | 316         |      |      |       |      |       |
| 47                     | 7874 | 03.06.95 | 00    | 130  | 1896  | AXX | 317         |      |      |       |      |       |
| 48                     | 7875 | 03.06.95 | -18   | 66   | 1896  | AXX | 318         |      |      |       |      |       |
| 49                     | 7876 | 06.06.95 | 12    | 149  | 1896  | AXX | 319         |      |      |       |      |       |
| 50                     | 7877 | 06.06.95 | 10    | 52   | 1896  | AXX | 320         |      |      |       |      |       |
| 51                     | 7878 | 11.06.95 | -11   | 75   | 1896  | AXX | 321         |      |      |       |      |       |
| 52                     | 7879 | 11.06.95 | -16   | 23   | 1896  | AXX | 322         |      |      |       |      |       |
| 53                     | 7880 | 18.06.95 | -06   | 265  | 1897  | AXX | 323         |      |      |       |      |       |
| 54                     | 7881 | 19.06.95 | 01    | 272  | 1897  | AXX | 324         |      |      |       |      |       |
| 55                     | 7882 | 19.06.95 | 06    | 209  | 1897  | CSO | 325         |      |      |       |      |       |
| 56                     | 7884 | 30.06.95 | 03    | 135  | 1897  | AXX | 326         |      |      |       |      |       |
| 57                     | 7885 | 30.06.95 | 09    | 64   | 1897  | AXX | 327         |      |      |       |      |       |
| 58                     | 7886 | 30.06.95 | 13    | 108  | 1897  | BXO | 328         |      |      |       |      |       |
| 59                     | 7887 | 01.07.95 | 12    | 44   | 1897  | CAO | 329         |      |      |       |      |       |
| 60                     | 7888 | 06.07.95 | -12   | 338  | 1898  | DAO | 330         |      |      |       |      |       |
| 61                     | 7890 | 13.07.95 | 05    | 282  | 1898  | AXX | 331         |      |      |       |      |       |
| 62                     | 7891 | 20.07.95 | 07    | 211  | 1898  | BXO | 332         |      |      |       |      |       |
| 63                     | 7892 | 20.07.95 | -19   | 218  | 1898  | AXX | 333         |      |      |       |      |       |
| 64                     | 7893 | 26.07.95 | -17   | 125  | 1898  | BXO | 334         |      |      |       |      |       |
| 65                     | 7894 | 01.08.95 | 12    | 41   | 1898  | BXO | 335         |      |      |       |      |       |
| 66                     | 7895 | 05.08.95 | -06   | 327  | 1899  | AXX | 336         |      |      |       |      |       |
| 67                     | 7896 | 06.08.95 | 03    | 06   | 1898  | DHO | 337         |      |      |       |      |       |
| 68                     | 7897 | 11.08.95 | 04    | 224  | 1899  | AXX | 338         |      |      |       |      |       |
| 69                     | 7898 | 11.08.95 | 12    | 281  | 1899  | AXX | 339         |      |      |       |      |       |
| 70                     | 7899 | 13.08.95 | -19   | 215  | 1899  | AXX | 340         |      |      |       |      |       |
| 71                     | 7900 | 16.08.95 | 06    | 256  | 1899  | BXO | 341         |      |      |       |      |       |
| 72                     | 7901 | 23.08.95 | 04    | 134  | 1899  | AXX | 342         |      |      |       |      |       |
| 73                     | 7902 | 24.08.95 | -09   | 131  | 1899  | BXO | 343         |      |      |       |      |       |
| 74                     | 7903 | 26.08.95 | 04    | 22   | 1899  | CSO | 344         |      |      |       |      |       |
| 75                     | 7904 | 26.08.95 | 11    | 47   | 1899  | BXO | 345         |      |      |       |      |       |
| 76                     | 7905 | 10.09.95 | 11    | 295  | 1900  | BXO | 346         |      |      |       |      |       |
| 77                     | 7906 | 15.09.95 | -12   | 261  | 1900  | AXX | 347         |      |      |       |      |       |
| 78                     | 7907 | 20.09.95 | 09    | 58   | 1900  | DAO | 348         |      |      |       |      |       |
| 79                     | 7908 | 21.09.95 | 04    | 48   | 1900  | CSO | 349         |      |      |       |      |       |
| 80                     | 7909 | 22.09.95 | 01    | 30   | 1900  | AXX | 350         |      |      |       |      |       |
| 81                     | 7910 | 08.10.95 | -09   | 177  | 1901  | CSO | 351         |      |      |       |      |       |
| 82                     | 7911 | 09.10.95 | 07    | 231  | 1901  | BXO | 352         |      |      |       |      |       |
| 83                     | 7912 | 11.10.95 | -11   | 141  | 1901  | CAO | 353         |      |      |       |      |       |
| 84                     | 7913 | 12.10.95 | -17   | 155  | 1901  | BXO | 354         |      |      |       |      |       |
| 85                     | 7914 | 17.10.95 | 08    | 199  | 1901  | BXO | 355         |      |      |       |      |       |
| 86                     | 7915 | 17.10.95 | 01    | 162  | 1901  | BXO | 356         |      |      |       |      |       |
| 87                     | 7916 | 18.10.95 | -02   | 133  | 1901  | BXO | 357         |      |      |       |      |       |
| 88                     | 7917 | 21.10.95 | -09   | 15   | 1901  | BXO | 358         |      |      |       |      |       |
| 89                     | 7918 | 21.10.95 | 08    | 05   | 1901  | CSO | 359         |      |      |       |      |       |
| 90                     | 7920 | 03.11.95 | -13   | 261  | 1902  | BXO | 360         |      |      |       |      |       |

**CV-Helios Network Annual Final Report for 1995**

|     |      |          |     |     |      |     |
|-----|------|----------|-----|-----|------|-----|
| 91  | 7921 | 07.11.95 | -11 | 148 | 1902 | CSO |
| 92  | 7923 | 09.11.95 | -17 | 162 | 1902 | AXX |
| 93  | 7924 | 11.11.95 | -08 | 94  | 1902 | AXX |
| 94  | 7925 | 16.11.95 | -03 | 52  | 1902 | AXX |
| 95  | 7926 | 17.11.95 | 08  | 12  | 1902 | CAO |
| 96  | 7929 | 29.11.95 | 08  | 261 | 1903 | BXO |
| 97  | 7930 | 04.12.95 | -08 | 148 | 1903 | CSO |
| 98  | 7931 | 10.12.95 | -19 | 155 | 1903 | BXO |
| 99  | 7932 | 20.12.95 | -11 | 298 | 1904 | AXX |
| 100 | 7933 | 26.12.95 | -09 | 276 | 1904 | BXO |
| 101 | 7934 | 27.12.95 | -05 | 251 | 1904 | AXX |
| 102 | 7935 | 27.12.95 | 11  | 206 | 1904 | BXO |
| 103 |      |          |     |     |      |     |
| 104 |      |          |     |     |      |     |
| 105 |      |          |     |     |      |     |
| 106 |      |          |     |     |      |     |
| 107 |      |          |     |     |      |     |
| 108 |      |          |     |     |      |     |
| 109 |      |          |     |     |      |     |
| 110 |      |          |     |     |      |     |
| 111 |      |          |     |     |      |     |
| 112 |      |          |     |     |      |     |
| 113 |      |          |     |     |      |     |
| 114 |      |          |     |     |      |     |
| 115 |      |          |     |     |      |     |
| 116 |      |          |     |     |      |     |
| 117 |      |          |     |     |      |     |
| 118 |      |          |     |     |      |     |
| 119 |      |          |     |     |      |     |
| 120 |      |          |     |     |      |     |
| 121 |      |          |     |     |      |     |
| 122 |      |          |     |     |      |     |
| 123 |      |          |     |     |      |     |
| 124 |      |          |     |     |      |     |
| 125 |      |          |     |     |      |     |
| 126 |      |          |     |     |      |     |
| 127 |      |          |     |     |      |     |
| 128 |      |          |     |     |      |     |
| 129 |      |          |     |     |      |     |
| 130 |      |          |     |     |      |     |
| 131 |      |          |     |     |      |     |
| 132 |      |          |     |     |      |     |
| 133 |      |          |     |     |      |     |
| 134 |      |          |     |     |      |     |
| 135 |      |          |     |     |      |     |
| 136 |      |          |     |     |      |     |
| 137 |      |          |     |     |      |     |
| 138 |      |          |     |     |      |     |
| 139 |      |          |     |     |      |     |
| 140 |      |          |     |     |      |     |
| 141 |      |          |     |     |      |     |
| 142 |      |          |     |     |      |     |
| 143 |      |          |     |     |      |     |
| 144 |      |          |     |     |      |     |
| 145 |      |          |     |     |      |     |
| 146 |      |          |     |     |      |     |
| 147 |      |          |     |     |      |     |
| 148 |      |          |     |     |      |     |
| 149 |      |          |     |     |      |     |
| 150 |      |          |     |     |      |     |
| 151 |      |          |     |     |      |     |
| 152 |      |          |     |     |      |     |
| 153 |      |          |     |     |      |     |
| 154 |      |          |     |     |      |     |
| 155 |      |          |     |     |      |     |
| 156 |      |          |     |     |      |     |
| 157 |      |          |     |     |      |     |
| 158 |      |          |     |     |      |     |
| 159 |      |          |     |     |      |     |
| 160 |      |          |     |     |      |     |
| 161 |      |          |     |     |      |     |
| 162 |      |          |     |     |      |     |
| 163 |      |          |     |     |      |     |
| 164 |      |          |     |     |      |     |
| 165 |      |          |     |     |      |     |
| 166 |      |          |     |     |      |     |
| 167 |      |          |     |     |      |     |
| 168 |      |          |     |     |      |     |
| 169 |      |          |     |     |      |     |
| 170 |      |          |     |     |      |     |
| 171 |      |          |     |     |      |     |
| 172 |      |          |     |     |      |     |
| 173 |      |          |     |     |      |     |
| 174 |      |          |     |     |      |     |
| 175 |      |          |     |     |      |     |
| 176 |      |          |     |     |      |     |
| 177 |      |          |     |     |      |     |
| 178 |      |          |     |     |      |     |
| 179 |      |          |     |     |      |     |
| 180 |      |          |     |     |      |     |
| 181 |      |          |     |     |      |     |
| 182 |      |          |     |     |      |     |
| 183 |      |          |     |     |      |     |

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| 361 |  |  |  |  |  |  |
| 362 |  |  |  |  |  |  |
| 363 |  |  |  |  |  |  |
| 364 |  |  |  |  |  |  |
| 365 |  |  |  |  |  |  |
| 366 |  |  |  |  |  |  |
| 367 |  |  |  |  |  |  |
| 368 |  |  |  |  |  |  |
| 369 |  |  |  |  |  |  |
| 370 |  |  |  |  |  |  |
| 371 |  |  |  |  |  |  |
| 372 |  |  |  |  |  |  |
| 373 |  |  |  |  |  |  |
| 374 |  |  |  |  |  |  |
| 375 |  |  |  |  |  |  |
| 376 |  |  |  |  |  |  |
| 377 |  |  |  |  |  |  |
| 378 |  |  |  |  |  |  |
| 379 |  |  |  |  |  |  |
| 380 |  |  |  |  |  |  |
| 381 |  |  |  |  |  |  |
| 382 |  |  |  |  |  |  |
| 383 |  |  |  |  |  |  |
| 384 |  |  |  |  |  |  |
| 385 |  |  |  |  |  |  |
| 386 |  |  |  |  |  |  |
| 387 |  |  |  |  |  |  |
| 388 |  |  |  |  |  |  |
| 389 |  |  |  |  |  |  |
| 390 |  |  |  |  |  |  |
| 391 |  |  |  |  |  |  |
| 392 |  |  |  |  |  |  |
| 393 |  |  |  |  |  |  |
| 394 |  |  |  |  |  |  |
| 395 |  |  |  |  |  |  |
| 396 |  |  |  |  |  |  |
| 397 |  |  |  |  |  |  |
| 398 |  |  |  |  |  |  |
| 399 |  |  |  |  |  |  |
| 400 |  |  |  |  |  |  |
| 401 |  |  |  |  |  |  |
| 402 |  |  |  |  |  |  |
| 403 |  |  |  |  |  |  |
| 404 |  |  |  |  |  |  |
| 405 |  |  |  |  |  |  |
| 406 |  |  |  |  |  |  |
| 407 |  |  |  |  |  |  |
| 408 |  |  |  |  |  |  |
| 409 |  |  |  |  |  |  |
| 410 |  |  |  |  |  |  |
| 411 |  |  |  |  |  |  |
| 412 |  |  |  |  |  |  |
| 413 |  |  |  |  |  |  |
| 414 |  |  |  |  |  |  |
| 415 |  |  |  |  |  |  |
| 416 |  |  |  |  |  |  |
| 417 |  |  |  |  |  |  |
| 418 |  |  |  |  |  |  |
| 419 |  |  |  |  |  |  |
| 420 |  |  |  |  |  |  |
| 421 |  |  |  |  |  |  |
| 422 |  |  |  |  |  |  |
| 423 |  |  |  |  |  |  |
| 424 |  |  |  |  |  |  |
| 425 |  |  |  |  |  |  |
| 426 |  |  |  |  |  |  |
| 427 |  |  |  |  |  |  |
| 428 |  |  |  |  |  |  |
| 429 |  |  |  |  |  |  |
| 430 |  |  |  |  |  |  |
| 431 |  |  |  |  |  |  |
| 432 |  |  |  |  |  |  |
| 433 |  |  |  |  |  |  |
| 434 |  |  |  |  |  |  |
| 435 |  |  |  |  |  |  |
| 436 |  |  |  |  |  |  |
| 437 |  |  |  |  |  |  |
| 438 |  |  |  |  |  |  |
| 439 |  |  |  |  |  |  |
| 440 |  |  |  |  |  |  |
| 441 |  |  |  |  |  |  |
| 442 |  |  |  |  |  |  |
| 443 |  |  |  |  |  |  |
| 444 |  |  |  |  |  |  |
| 445 |  |  |  |  |  |  |
| 446 |  |  |  |  |  |  |
| 447 |  |  |  |  |  |  |
| 448 |  |  |  |  |  |  |
| 449 |  |  |  |  |  |  |
| 450 |  |  |  |  |  |  |
| 451 |  |  |  |  |  |  |
| 452 |  |  |  |  |  |  |
| 453 |  |  |  |  |  |  |

### CV-Helios Network Annual Final Report for 1995

|     |  |  |  |  |  |
|-----|--|--|--|--|--|
| 184 |  |  |  |  |  |
| 185 |  |  |  |  |  |
| 186 |  |  |  |  |  |
| 187 |  |  |  |  |  |
| 188 |  |  |  |  |  |
| 189 |  |  |  |  |  |
| 190 |  |  |  |  |  |
| 191 |  |  |  |  |  |
| 192 |  |  |  |  |  |
| 193 |  |  |  |  |  |
| 194 |  |  |  |  |  |
| 195 |  |  |  |  |  |
| 196 |  |  |  |  |  |
| 197 |  |  |  |  |  |
| 198 |  |  |  |  |  |
| 199 |  |  |  |  |  |
| 200 |  |  |  |  |  |
| 201 |  |  |  |  |  |
| 202 |  |  |  |  |  |
| 203 |  |  |  |  |  |
| 204 |  |  |  |  |  |
| 205 |  |  |  |  |  |
| 206 |  |  |  |  |  |
| 207 |  |  |  |  |  |
| 208 |  |  |  |  |  |
| 209 |  |  |  |  |  |
| 210 |  |  |  |  |  |
| 211 |  |  |  |  |  |
| 212 |  |  |  |  |  |
| 213 |  |  |  |  |  |
| 214 |  |  |  |  |  |
| 215 |  |  |  |  |  |
| 216 |  |  |  |  |  |
| 217 |  |  |  |  |  |
| 218 |  |  |  |  |  |
| 219 |  |  |  |  |  |
| 220 |  |  |  |  |  |
| 221 |  |  |  |  |  |
| 222 |  |  |  |  |  |
| 223 |  |  |  |  |  |
| 224 |  |  |  |  |  |
| 225 |  |  |  |  |  |
| 226 |  |  |  |  |  |
| 227 |  |  |  |  |  |
| 228 |  |  |  |  |  |
| 229 |  |  |  |  |  |
| 230 |  |  |  |  |  |
| 231 |  |  |  |  |  |
| 232 |  |  |  |  |  |
| 233 |  |  |  |  |  |
| 234 |  |  |  |  |  |
| 235 |  |  |  |  |  |
| 236 |  |  |  |  |  |
| 237 |  |  |  |  |  |
| 238 |  |  |  |  |  |
| 239 |  |  |  |  |  |
| 240 |  |  |  |  |  |
| 241 |  |  |  |  |  |
| 242 |  |  |  |  |  |
| 243 |  |  |  |  |  |
| 244 |  |  |  |  |  |
| 245 |  |  |  |  |  |
| 246 |  |  |  |  |  |
| 247 |  |  |  |  |  |
| 248 |  |  |  |  |  |
| 249 |  |  |  |  |  |
| 250 |  |  |  |  |  |
| 251 |  |  |  |  |  |
| 252 |  |  |  |  |  |
| 253 |  |  |  |  |  |
| 254 |  |  |  |  |  |
| 255 |  |  |  |  |  |
| 256 |  |  |  |  |  |
| 257 |  |  |  |  |  |
| 258 |  |  |  |  |  |
| 259 |  |  |  |  |  |
| 260 |  |  |  |  |  |
| 261 |  |  |  |  |  |
| 262 |  |  |  |  |  |
| 263 |  |  |  |  |  |
| 264 |  |  |  |  |  |
| 265 |  |  |  |  |  |
| 266 |  |  |  |  |  |
| 267 |  |  |  |  |  |
| 268 |  |  |  |  |  |
| 269 |  |  |  |  |  |
| 270 |  |  |  |  |  |

|     |  |  |  |  |  |
|-----|--|--|--|--|--|
| 454 |  |  |  |  |  |
| 455 |  |  |  |  |  |
| 456 |  |  |  |  |  |
| 457 |  |  |  |  |  |
| 458 |  |  |  |  |  |
| 459 |  |  |  |  |  |
| 460 |  |  |  |  |  |
| 461 |  |  |  |  |  |
| 462 |  |  |  |  |  |
| 463 |  |  |  |  |  |
| 464 |  |  |  |  |  |
| 465 |  |  |  |  |  |
| 466 |  |  |  |  |  |
| 467 |  |  |  |  |  |
| 468 |  |  |  |  |  |
| 469 |  |  |  |  |  |
| 470 |  |  |  |  |  |
| 471 |  |  |  |  |  |
| 472 |  |  |  |  |  |
| 473 |  |  |  |  |  |
| 474 |  |  |  |  |  |
| 475 |  |  |  |  |  |
| 476 |  |  |  |  |  |
| 477 |  |  |  |  |  |
| 478 |  |  |  |  |  |
| 479 |  |  |  |  |  |
| 480 |  |  |  |  |  |
| 481 |  |  |  |  |  |
| 482 |  |  |  |  |  |
| 483 |  |  |  |  |  |
| 484 |  |  |  |  |  |
| 485 |  |  |  |  |  |
| 486 |  |  |  |  |  |
| 487 |  |  |  |  |  |
| 488 |  |  |  |  |  |
| 489 |  |  |  |  |  |
| 490 |  |  |  |  |  |
| 491 |  |  |  |  |  |
| 492 |  |  |  |  |  |
| 493 |  |  |  |  |  |
| 494 |  |  |  |  |  |
| 495 |  |  |  |  |  |
| 496 |  |  |  |  |  |
| 497 |  |  |  |  |  |
| 498 |  |  |  |  |  |
| 499 |  |  |  |  |  |
| 500 |  |  |  |  |  |
| 501 |  |  |  |  |  |
| 502 |  |  |  |  |  |
| 503 |  |  |  |  |  |
| 504 |  |  |  |  |  |
| 505 |  |  |  |  |  |
| 506 |  |  |  |  |  |
| 507 |  |  |  |  |  |
| 508 |  |  |  |  |  |
| 509 |  |  |  |  |  |
| 510 |  |  |  |  |  |
| 511 |  |  |  |  |  |
| 512 |  |  |  |  |  |
| 513 |  |  |  |  |  |
| 514 |  |  |  |  |  |
| 515 |  |  |  |  |  |
| 516 |  |  |  |  |  |
| 517 |  |  |  |  |  |
| 518 |  |  |  |  |  |
| 519 |  |  |  |  |  |
| 520 |  |  |  |  |  |
| 521 |  |  |  |  |  |
| 522 |  |  |  |  |  |
| 523 |  |  |  |  |  |
| 524 |  |  |  |  |  |
| 525 |  |  |  |  |  |
| 526 |  |  |  |  |  |
| 527 |  |  |  |  |  |
| 528 |  |  |  |  |  |
| 529 |  |  |  |  |  |
| 530 |  |  |  |  |  |
| 531 |  |  |  |  |  |
| 532 |  |  |  |  |  |
| 533 |  |  |  |  |  |
| 534 |  |  |  |  |  |
| 535 |  |  |  |  |  |
| 536 |  |  |  |  |  |
| 537 |  |  |  |  |  |
| 538 |  |  |  |  |  |
| 539 |  |  |  |  |  |
| 540 |  |  |  |  |  |

## CV-Helios Network Annual Final Report for 1995

### ZÜRICH/McINTOSH-CLASSIFICATIONS DISTRIBUTION for the year 1995

| A      | B      | C      | D     | E   | F   | H   |
|--------|--------|--------|-------|-----|-----|-----|
| AXX    | BXO    | CRO    | DRO   | ERO | FRO | HRX |
| 36,3 % | 38,2 % |        | 1,0 % |     |     |     |
|        | BXI    | CRI    | DRI   | ERI | FRI | HAX |
|        |        |        |       |     |     |     |
|        |        | CAO    | DAO   | EAO | FAO | HSX |
|        |        | 5,9 %  | 2,9 % |     |     |     |
|        |        | CAI    | DAI   | EAI | FAI | HKX |
|        |        |        |       |     |     |     |
|        |        | CSO    | DSO   | ESO | FSO | HHX |
|        |        | 13,7 % | 1,0 % |     |     |     |
|        |        | CSI    | DSI   | ESI | FSI |     |
|        |        |        |       |     |     |     |
|        |        | CKO    | DAC   | EAC | FAC |     |
|        |        |        |       |     |     |     |
|        |        | CKI    | DSC   | ESC | FSC |     |
|        |        |        |       |     |     |     |
|        |        | CHO    | DKO   | EKO | FKO |     |
|        |        |        |       |     |     |     |
|        |        | CHI    | DKI   | EKI | FKI |     |
|        |        |        |       |     |     |     |
|        |        |        | DHO   | EHO | FHO |     |
|        |        |        | 1,0 % |     |     |     |
|        |        |        | DHI   | EHI | FHI |     |
|        |        |        |       |     |     |     |
|        |        |        | DKC   | EKC | FKC |     |
|        |        |        |       |     |     |     |
|        |        |        | DHC   | EHC | FHC |     |
|        |        |        |       |     |     |     |

#### SUNSPOT CLASS

1st letter

|   | 102 |        |
|---|-----|--------|
| A | 37  | 36,3 % |
| B | 39  | 38,2 % |
| C | 20  | 19,6 % |
| D | 6   | 5,9 %  |
| E | 0   | 0,0 %  |
| F | 0   | 0,0 %  |
| H | 0   | 0,0 %  |

#### MAIN SUNSPOT TYPE

2nd letter

|   | 102 |        |
|---|-----|--------|
| X | 76  | 74,5 % |
| R | 1   | 1,0 %  |
| A | 9   | 8,8 %  |
| S | 15  | 14,7 % |
| K | 0   | 0,0 %  |
| H | 1   | 1,0 %  |

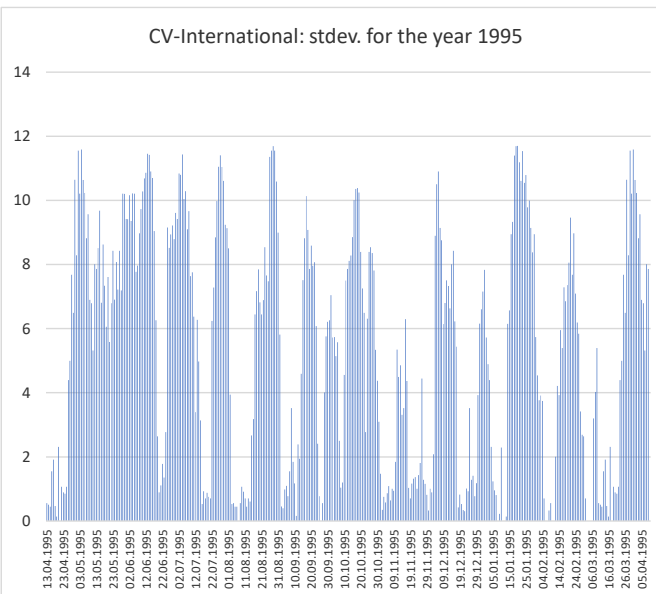
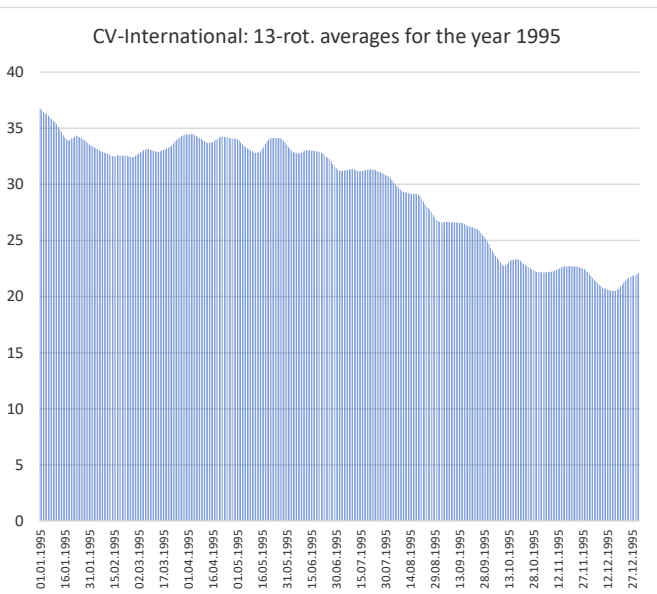
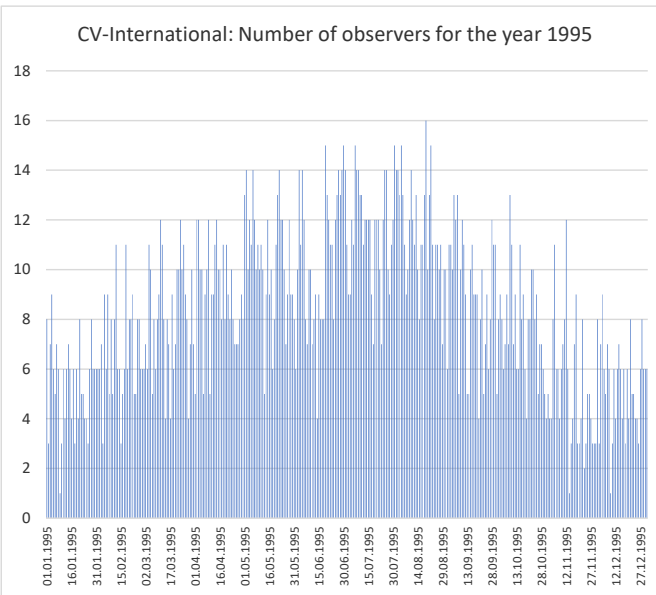
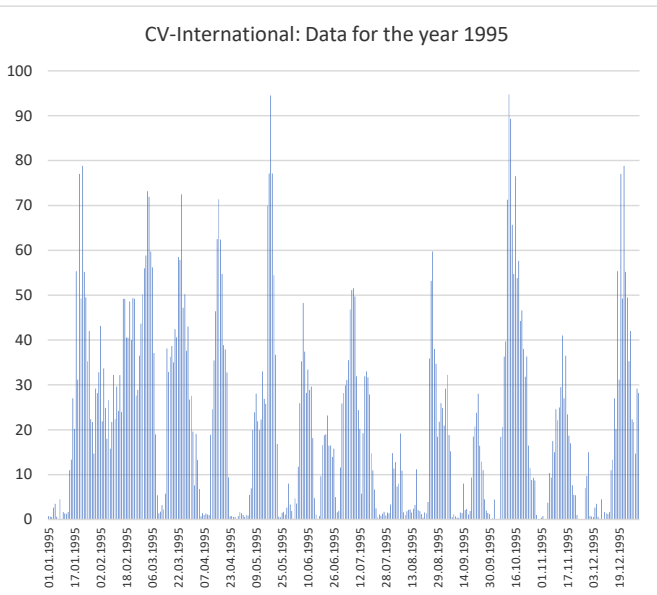
#### SUNSPOT DISTRIBUTION

3rd letter

|   | 102 |        |
|---|-----|--------|
| X | 37  | 36,3 % |
| O | 65  | 63,7 % |
| I | 0   | 0,0 %  |
| C | 0   | 0,0 %  |

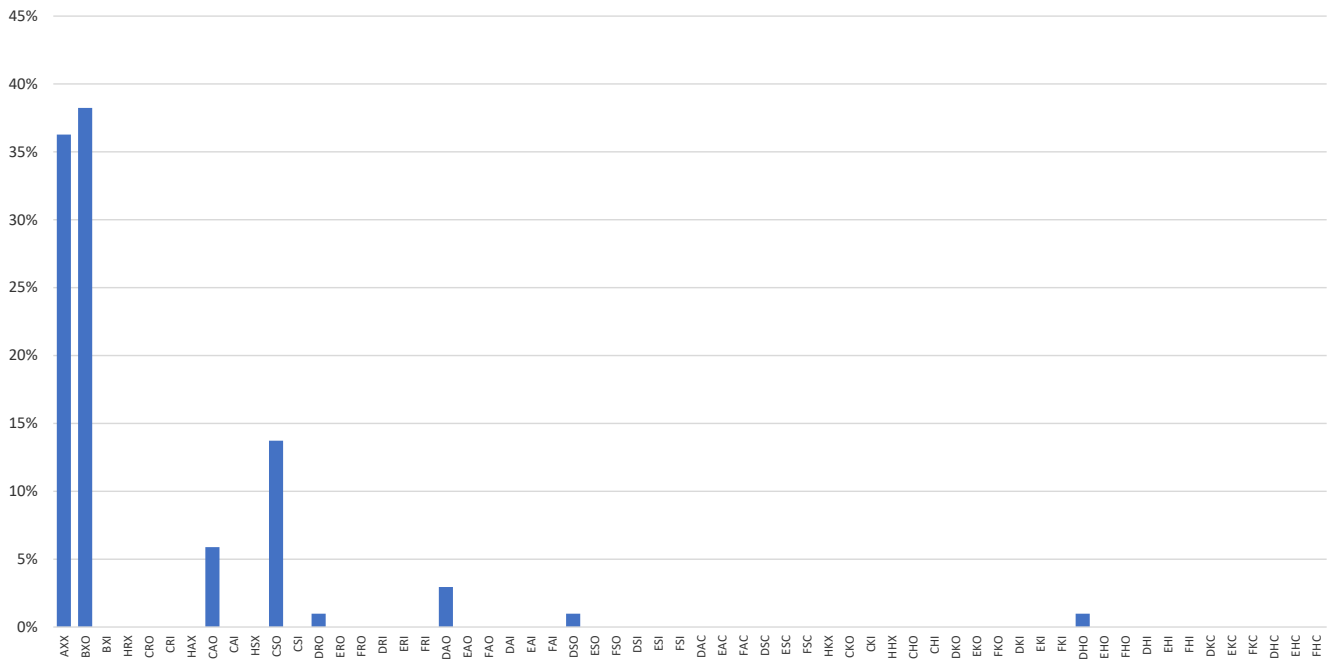
### CV-Helios Network Annual Final Report for 1995

#### Graphics for the year 1995

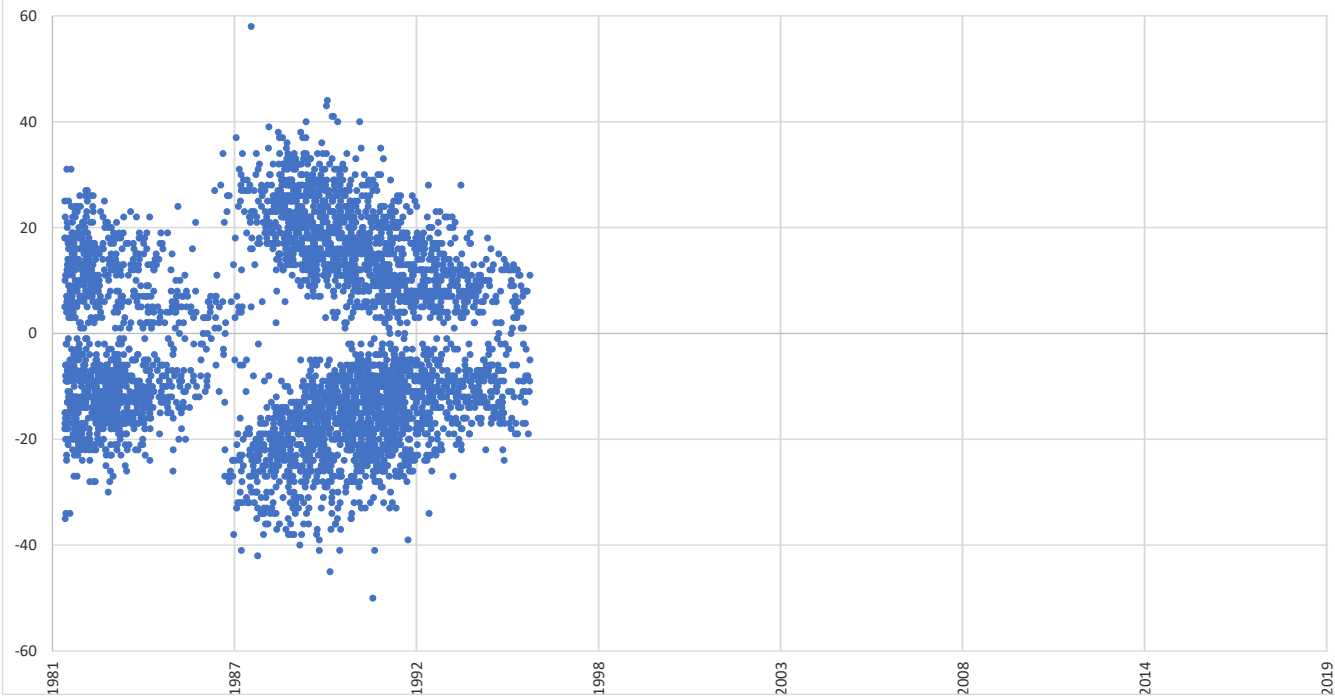


### CV-Helios Network Annual Final Report for 1995

Zürich/McIntosh-classifications denoted by NOAA/USAF for the year 1995



RGO/NOAA-USAF Sunspot Regions 1981-1995



## CV-Helios Network Annual Final Report for 1995

### CV-Helios Network - over 14 years in solar amateur astronomy service!

There are now 1270 entries registered  
containing 18256 CV-observations!

**This AFR issued 1st April 1996**

#### **CV-Helios Network**

Director/Coordinator: Kjell Inge Malde

Phone: +47 98 69 28 56

[cvhelios@gmail.com](mailto:cvhelios@gmail.com)

[www.cv-helios.net](http://www.cv-helios.net)

---

Worldwide Amateur Solar Observing Network  
Magnetic Sunspot Classifications Zürich/McIntosh system  
CV - Classification Values (Malde/1981) - numeric system  
Serving Amateur Solar Astronomy since 1981

Last updated/Editorial close: 08.04.2018 16:44 UTC