

Forthcoming WAFC Backup Events

(Last updated 12 November 2021)
(See following pages for history of WAFC Backup Tests)

In accordance with WG-MOG/3 (WAFS) Decision 3/1 each WAFC will delay the issuance of SIGWX forecasts (BUFR and PNG) by 1 hour once per year during scheduled WAFC backup events.

Accordingly;

*WAFC London will delay the issuance of data, by one hour, for the backup event scheduled for **26 January 2022**. Administrative messages will be issued in advance*

*WAFC Washington will delay the issuance of data, by one hour, for the backup event scheduled for **6 July 2022**. Administrative messages will be issued in advance*

Otherwise, SIGWX forecasts for scheduled WAFC backup events will be issued at the normal times. In the event of an unscheduled backup event, SIGWX forecasts may be made available up to 2 hours later than normal. Under such circumstances, users will be informed by administrative messages as necessary.

2022 schedule

#135: 1900 UTC SIGWX Forecasts issued on Wednesday 12 January: WAFC Washington will back-up WAFC London SIGWX Forecasts VT 1200 UTC on Thursday 13 January 2022.

#136: 1300 UTC SIGWX Forecasts issued on Wednesday 26 January: WAFC London will back-up WAFC Washington SIGWX Forecasts VT 0600 UTC on Thursday 27 January 2022.

WAFC London will delay the issuance of this data by 1 hour and will issue at 1400 UTC.

#137: 1900 UTC SIGWX Forecasts issued on Wednesday 6 April: WAFC Washington will back-up WAFC London SIGWX Forecasts VT 1200 UTC on Thursday 7 April 2022.

#138: 1300 UTC SIGWX Forecasts issued on Wednesday 20 April: WAFC London will back-up WAFC Washington SIGWX Forecasts VT 0600 UTC on Thursday 21 April 2022.

#139: 1900 UTC SIGWX Forecasts issued on Wednesday 6 July: WAFC Washington will back-up WAFC London SIGWX Forecasts VT 1200 UTC on Thursday 7 July 2022.

WAFC Washington will delay the issuance of this data by 1 hour and will issue at 2000 UTC.

#140: 1300 UTC SIGWX Forecasts issued on Wednesday 20 July: WAFC London will back-up WAFC Washington SIGWX Forecasts VT 0600 UTC on Thursday 21 July 2022.

#141: 1900 UTC SIGWX Forecasts issued on Wednesday 5 October: WAFC Washington will back-up WAFC London SIGWX Forecasts VT 1200 UTC on Thursday 6 October 2022.

#142: 1300 UTC SIGWX Forecasts issued on Wednesday 19 October: WAFC London will back-up WAFC Washington SIGWX Forecasts VT 0600 UTC on Thursday 20 October 2022.

2023 Schedule will be provided by 14 November 2022.

History of WAFC Backup Events

Summary Table

WAFC back-up test date	WAFC production centre	Successful production?				Successful dissemination?	Refer to note
		SWH BUFR	SWM BUFR	SWH PNG	SWM PNG		
<i>Note, backup tests prior to 08 OCT 2008 are not logged</i>							
08 OCT 08	Washington	✓	✓	✓	✓	✓	29
22 OCT 08	London	✓	✓	✓	✓	✓	30
14 JAN 09	London	✓	✓	✓	✓	✓	31
28 JAN 09	Washington	✓	✓	✓	✓	✓	32
08 APR 09	London	✓	✓	✓	✓	✓	33
22 APR 09	Washington	✓	✓	✓	✓	✓	34
08 JUL 09	London	C	C	C	C	C	35
22 JUL 09	Washington	✓	✓	✓	✓	✓	36
07 OCT 09	London	✓	✓	✓	✓	✓	37
21 OCT 09	Washington	✓	✓	✓	✓	✓	38
03 NOV 09	London	✓	✓	✓	✓	✓	38a
13 JAN 10	Washington	✓	✓	✓	✓	✓	39
27 JAN 10	London	✓	✓	✓	✓	✓	40
7 APR 10	Washington	✓	✓	✓	✓	✓	41
21 APR 10	London	C	C	C	C	C	42
7 JUL 10	Washington	✓	✓	✓	✓	✓	43
21 JUL 10	London	✓	✓	✓	✓	✓	44
6 OCT 10	Washington	✓	✓	✓	✓	✓	45
21 OCT 10	London	✓	✓	✓	✓	✓	46
04 DEC 10	Washington	x	x	x	x	x	46a
12 JAN 11	London	✓	✓	✓	✓	✓	47
26 JAN 11	Washington	✓	✓	✓	✓	✓	48
06 APR 11	London	✓	✓	✓	✓	✓	49
20 APR 11	Washington	✓	✓	✓	✓	✓	50
06 JUL 11	London	✓	✓	✓	✓	✓	51
20 JUL 11	Washington	✓	✓	✓	✓	✓	52
05 OCT 11	London	✓	✓	✓	✓	✓	53
19 OCT 11	Washington	C	C	C	C	C	54
25 OCT 11	Washington	P	P	P	P	P	54a
11 JAN 12	Washington	✓	✓	✓	✓	✓	55
25 JAN 12	London	✓	✓	✓	✓	✓	56
04 APR 12	Washington	✓	✓	✓	✓	✓	57
18 APR 12	London	✓	✓	✓	✓	✓	58
11 JUL 12	Washington	✓	✓	✓	✓	✓	59
25 JUL 12	London	✓	✓	✓	✓	✓	60
10 OCT 12	Washington	✓	✓	✓	✓	✓	61
24 OCT 12	London	C	C	C	C	C	62
21 DEC 12	Washington	✓	✓	✓	✓	✓	62a
09 JAN 13	London	✓	✓	✓	✓	✓	63
23 JAN 13	Washington	✓	✓	✓	✓	✓	64
10 APR 13	London	✓	✓	✓	✓	✓	65
24 APR 13	Washington	✓	✓	✓	✓	✓	66
10 JUL 13	London	✓	✓	✓	✓	✓	67
24 JUL 13	Washington	✓	✓	✓	✓	✓	68
09 OCT 13	London	C	C	C	C	C	69
23 OCT 13	Washington	✓	✓	✓	✓	✓	70
08 JAN 14	Washington	✓	✓	✓	✓	✓	71
22 JAN 14	London	✓	✓	✓	✓	✓	72

W AFC back-up test date	W AFC production centre	Successful production?				Successful dissemination?	Refer to note
		SWH BUFR	SWM BUFR	SWH PNG	SWM PNG		
09 APR 14	Washington	✓	✓	✓	✓	✓	73
18 APR 14	London	✓	✓	✓	✓	✓	73a
23 APR 14	London	✓	✓	✓	✓	✓	74
02 JUL 14	London	✓	✓	✓	✓	✓	74a
09 JUL 14	Washington	✓	✓	✓	✓	✓	75
23 JUL 14	London	✓	✓	✓	✓	✓	76
08 OCT 14	Washington	✓	✓	✓	✓	✓	77
22 OCT 14	London	✓	✓	✓	✓	✓	78
14 JAN 15	London	C	C	C	C	C	79
28 JAN 15	Washington	✓	✓	✓	✓	✓	80
15 APR 15	London	P	P	P	P	P	81
29 APR 15	Washington	✓	✓	✓	✓	✓	82
15 JUL 15	London	✓	✓	✓	✓	✓	83
29 JUL 15	Washington	✓	✓	✓	✓	✓	84
14 OCT 15	London	✓	✓	✓	✓	✓	85
28 OCT 15	Washington	✓	✓	✓	✓	✓	86
13 JAN 16	Washington	✓	✓	✓	✓	✓	87
27 JAN 16	London	✓	✓	✓	✓	✓	88
13 APR 16	Washington	✓	✓	✓	✓	✓	89
27 APR 16	London	✓	✓	✓	✓	✓	90
13 JUL 16	Washington	✓	✓	✓	✓	✓	91
27 JUL 16	London	✓	✓	✓	✓	✓	92
12 OCT 16	Washington	✓	✓	✓	✓	✓	93
26 OCT 16	London	P	P	P	P	✓	94
11 JAN 17	London	✓	✓	✓	✓	✓ ¹	95
25 JAN 17	Washington	✓	✓	✓	✓	✓	96
12 APR 17	London	✓	✓	✓	✓	✓	97
26 APR 17	Washington	✓	✓	✓	✓	✓	98
12 JULY 17	London	✓	✓	✓	✓	✓	99
26 JULY 17	Washington	✓	✓	✓	✓	✓	100
11 OCT 17	London	✓	✓	✓	✓	✓	101
25 OCT 17	Washington	C	C	C	C	C	102
10 JAN 18	Washington	✓	✓	✓	✓	✓	103
23 JAN 18	Washington	✓	✓	✓	✓	✓	103a
24 JAN 18	London	✓	✓	✓	✓	✓ ¹	104
11 APR 18	Washington	✓	✓	✓	✓	✓	105
25 APR 18	London	✓	✓	✓	✓	✓	106
11 JULY 18	Washington	✓	✓	✓	✓	✓ ¹	107
25 JULY 18	London	✓	✓	✓	✓	✓	108
10 OCT 2018	Washington	✓	✓	✓	✓	✓	109
24 OCT 2018	London	P	P	✓	✓	✓	110
6 DEC 2018	London	✓	✓	✓	✓	✓	110a
16 JAN 2019	Washington	✓	✓	✓	✓	✓	111
30 JAN 2019	London	✓	✓	✓	✓	✓ ¹	112
10 APR 2019	Washington	✓	✓	✓	✓	✓	113
24 APR 2019	London	✓	✓	✓	✓	✓	114
23 JUN 2019	Washington	✓	✓	✓	✓	✓	114a
10 JUL 2019	Washington	✓	✓	✓	✓	✓ ¹	115
24 JUL 2019	London	✓	✓	✓	✓	✓	116
9 OCT 2019	Washington	✓	✓	✓	✓	✓	117
23 OCT 2019	London	✓	✓	✓	✓	✓	118
15 JAN 2020	Washington	✓	✓	✓	✓	✓	119
29 JAN 2020	London	✓	✓	✓	✓	✓ ¹	120
8 APR 2020	Washington	✓	✓	✓	✓	✓	121

¹ Purposefully delayed by 1 hour, in accordance with WG-MOG/3 Decision 3/1

W AFC back-up test date	W AFC production centre	Successful production?				Successful dissemination?	Refer to note
		SWH BUFR	SWM BUFR	SWH PNG	SWM PNG		
23 APR 2020	London	✓	✓	✓	✓	✓	122
8 JUL 2020	Washington	✓	✓	✓	✓	✓	123
23 JUL 2020	London	✓	✓	✓	✓	✓	124
11 AUG 2020	Washington	✓	✓	✓	✓	✓	125a
7 OCT 2020	Washington	✓	✓	✓	✓	✓	125
21 OCT 2020	London	✓	✓	✓	✓	✓	126
13 JAN 2021	Washington	✓	✓	✓	✓	✓	127
27 JAN 2021	London	✓	✓	✓	✓	✓	128
7 APR 2021	Washington	✓	✓	✓	✓	✓	129
21 APR 2021	London	✓	✓	✓	✓	✓	130
7 JUL 2021	Washington	✓	✓	✓	✓	✓	131
21 JUL 2021	London	✓	✓	✓	✓	✓	132
6 OCT 2021	Washington	✓	✓	✓	✓	✓	133
20 OCT 2021	London	✓	✓	✓	✓	✓	134

C = Test Cancelled – normal delivery initiated with no impact on users.

P = Partially Successful - see detail report.

Real backup events will be distinguished from planned backup tests by the suffix a, b, c etc following the last planned backup test, i.e. 54a indicates a real backup was required after the 54th planned backup test.

2008

29. *Wednesday 08 October 2008 - W AFC Washington successfully provided back-up for W AFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 09 October 2008).*
30. *Wednesday 22 October 2008 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 23 October 2008).*

2009

31. *Wednesday 14 January 2009 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 15 January 2009).*
32. *Wednesday 28 January 2009 - W AFC Washington successfully provided back-up for W AFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 29 January 2009).*
33. *Wednesday 08 April 2009 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 09 April 2009).*
34. *Wednesday 22 April 2009 - W AFC Washington successfully provided back-up for W AFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 23 April 2009).*
35. *Wednesday 08 July 2009 – W AFC Washington released all of their standard products at the normal times before W AFC London disseminated the ‘backup’*

versions. As such the Backup was cancelled, and normal delivery to all customers followed with no known adverse impact on any users. The test was to involve SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 09 July 2009).

36. *Wednesday 22 July 2009* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 23 July 2009).
37. *Wednesday 07 October 2009* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 08 October 2009).
38. *Wednesday 21 October 2009* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 22 October 2009).

- 38a. *Wednesday 03 November 2009* - WAFC London successfully provided *unscheduled* back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Tuesday 04 November 2009).

2010

39. *Wednesday 13 January 2010* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 14 January 2010).
40. *Wednesday 27 January 2010* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 and 1500 UTC (VT 0600 UTC on Thursday 28 January 2010).
41. *Wednesday 07 April 2010* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 and 2100 UTC (VT 1200 UTC on Thursday 08 April 2010)
42. *Wednesday 21 April 2010* – WAFC London cancelled the WAFC Backup test scheduled for this day due to the ongoing disruption caused by the eruption of the Icelandic volcano EYJAFJALLAJOKULL . WAFC London remained in a position to carry out backup procedures if called upon for real, but it was inappropriate to carry out a test at this time.
43. *Wednesday 07 July 2010* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 08 July 2010)
44. *Wednesday 21 July 2010* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 22 July 2010).
45. *Wednesday 06 October 2010* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 07 October 2010)
46. *Wednesday 20 October 2010* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 21 October 2010).

2011

- 46a *Saturday 04 December 2011* - WAFC Washington provided real, unscheduled back-up for WAFC London by producing and transmitting the SWH PNG and BUFR significant weather products with nominal issue time 0000 UTC (VT 0600 UTC on Sunday 05 December 2010). Unfortunately, the backup was not completely successful due to WAFC London transmitting its own SWM PNG and BUFR data. Administration notices (NOUK10s) were issued via SADIS to advise of the issue. Procedures have been clarified at WAFC London in order to prevent this occurring again in the future.

47. *Wednesday 12 January 2011* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 13 January 2011).
48. *Wednesday 26 January 2011* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 27 January 2011)
49. *Wednesday 06 April 2011* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 07 April 2011).
50. *Wednesday 20 April 2011* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 21 April 2011)
51. *Wednesday 06 July 2011* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 07 July 2011). *On this occasion, SIGWX BUFR was transmitted one hour later than expected. The reasons for this have been investigated and are not expected to recur.*
52. *Wednesday 20 July 2011* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 21 July 2011)
53. *Wednesday 05 October 2011* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 06 October 2011).
54. *Wednesday 19 October 2011* - Cancelled on 13 October 2011. WAFC Washington due to backup WAFC London. Following the recent introduction of WAFC London's new SIGWX Production Platform (11 October 2011), it was considered inappropriate to carry out a WAFC backup test. Both WAFCs remained fully capable and ready to perform WAFC Backup in the event of real need.
- 54a. *Tuesday 25 October 2011* - WAFC Washington successfully provided *unscheduled* back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 0100 UTC (VT 1800 UTC on Wednesday 26 October 2011). Problems with WAFC London's Message Switch routing prevented onward transmission of some WAFC Washington generated products. This has been investigated, and corrective actions put in place.

2012

55. *Wednesday 11 January 2012* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 12 January 2012).

56. *Wednesday 25 January 2012* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 26 January 2012). *This was the first WAFC Backup generated by WAFC London using its new SIGWX Production platform.*
57. *Wednesday 04 April 2012* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 05 April 2012).
58. *Wednesday 18 April 2012* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 19 April 2012).
59. *Wednesday 11 July 2012* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 12 July 2012).
60. *Wednesday 25 July 2012* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 26 July 2012).
61. *Wednesday 10 October 2012* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 11 October 2012).
62. *Wednesday 24 October 2012* – WAFC Washington issued data to normal schedule and the test was subsequently cancelled.
- 62a. *Friday 21 December 2012* - WAFC Washington successfully provided real, unscheduled back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 0700 UTC Friday 21 December 2012 (VT 0000 UTC on Saturday 22 December 2012).

2013

63. *Wednesday 09 January 2013* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 10 January 2013).
64. *Wednesday 23 January 2013* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 24 January 2013).
65. *Wednesday 10 April 2013* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 11 April 2013).
66. *Wednesday 23 April 2013* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and

BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 24 April 2013).

67. *Wednesday 10 July 2013* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1300 UTC (VT 0600 UTC on Thursday 11 July 2013).
68. *Wednesday 24 July 2013* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 25 July 2013).
69. *Wednesday 09 October 2013* – Backup test was cancelled due to impacts of USA partial government shut down. Whilst WAFC London continued to be in a position to provide full backup cover if necessary, it was considered that implementing a backup test during such a period was inappropriate.
70. *Wednesday 23 October 2013* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products with nominal issue time 1900 UTC (VT 1200 UTC on Thursday 24 October 2013). *Note: This was the first occasion when SIGWX forecasts were issued at normal time for a scheduled WAFC Backup test (WAFSOPSG/8 Decision 8/8).*

2014

71. *Wednesday 08 January 2014* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 08 January 2014 and valid 1200 UTC Thursday 09 January 2014.
72. *Wednesday 22 January 2014* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 22 January 2014 and valid 0600 UTC on Thursday 23 January 2014.
73. *Wednesday 09 April 2014* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 09 April 2014 and valid 1200 UTC Thursday 10 April 2014.
- 73a *Friday 18 April 2014* – WAFC London successfully provided real, *unscheduled* back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products normally issued at 0100 UTC on 18 April 2014 and valid 1800 UTC on Friday 18 April 2014. As an unscheduled backup event, the data was subject to a short delay, being issued at approximately 0200 UTC.
74. *Wednesday 23 April 2014* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 23 April 2014 and valid 0600 UTC on Thursday 24 April 2014.
- 74a *Tuesday 02 July 2014* – WAFC London successfully provided *unscheduled* back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products normally issued at 1300 UTC on 02 July 2014 and valid 0600 UTC on Wednesday 03 July 2014. As an unscheduled backup even, the data was issued 2 hours later than normal (within requirements), being issued at approximately 1500 UTC.

75. *Wednesday 09 July 2014* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 09 July 2014 and valid 1200 UTC Thursday 10 July 2014.
76. *Wednesday 23 July 2014* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 23 July 2014 and valid 0600 UTC on Thursday 24 July 2014.
77. *Wednesday 08 October 2014* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 08 October 2014 and valid 1200 UTC Thursday 09 October 2014.
78. *Wednesday 22 October 2014* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 22 October 2014 and valid 0600 UTC on Thursday 23 October 2014.

2015

79. *Wednesday 14 January 2015* – WAFC London requested cancellation of this test. All data was issued normally by WAFC London and WAFC Washington. The reason for the cancellation was due to reported problems by one user over the previous days. Although there was no evidence that WAFC London's data was incorrect, it was considered appropriate to cancel the test whilst investigations continued. WAFC London remained fully ready to provide backup to WAFC Washington if necessary for real. *Subsequently it was determined that the problem was related to the user's systems.*
80. *Wednesday 28 January 2015* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 28 January 2015 and valid 1200 UTC Thursday 29 January 2015.
81. *Wednesday 15 April 2015* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products. *The data issued by WAFC London on WAFC Washington's behalf (KKCI data) was issued 20 minutes later than target time (1300 UTC). Reception of data at WAFC Washington also was subject to some further delay, and this is being investigated.*
82. *Wednesday 29 April 2015* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 29 April 2015 and valid 1200 UTC Thursday 30 April 2015.
83. *Wednesday 15 July 2015* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 15 July 2015 and valid 0600 UTC on Thursday 16 July 2015.
84. *Wednesday 29 July 2015* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 29 July 2015 and valid 1200 UTC Thursday 30 July 2015.
85. *Wednesday 14 October 2015* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR

significant weather products issued at 1300 UTC on 14 October 2015 and valid 0600 UTC on Thursday 15 October 2015.

86. *Wednesday 28 October 2015* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 28 October 2015 and valid 1200 UTC Thursday 29 October 2015.
87. *Wednesday 13 January 2016* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 13 January 2016 and valid 1200 UTC Thursday 14 January 2016.
88. *Wednesday 27 January 2016* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 27 January 2016 and valid 0600 UTC on Thursday 28 January 2016.
89. *Wednesday 13 April 2016* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 13 April 2016 and valid 1200 UTC Thursday 14 April 2016.
90. *Wednesday 27 April 2016* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 27 April 2016 and valid 0600 UTC on Thursday 28 April 2016.
91. *Wednesday 13 July 2016* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 13 July 2016 and valid 1200 UTC Thursday 14 July 2016.
92. *Wednesday 27 July 2016* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 27 July 2016 and valid 0600 UTC on Thursday 28 July 2016.
93. *Wednesday 12 October 2016* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 12 October 2016 and valid 1200 UTC Thursday 13 October 2016.
94. *Wednesday 26 October 2016* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 26 October 2016 and valid 0600 UTC on Thursday 27 October 2016. *Production and distribution was successful, but a tropical cyclone was mislabelled by WAFC London, and included in the data issued by WAFC London on behalf of WAFC Washington during this event.*
95. *Wednesday 11 January 2017* – WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at **1400** UTC (one hour later than normal issue time of 1300 UTC) on 11 January 2017 and valid 0600 UTC on Thursday 12 January 2017.

WAFC London purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

96. *Wednesday 25 January 2017* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 25 January 2017 and valid 1200 UTC Thursday 26 January 2017.
97. *Wednesday 12 April 2017* – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on 12 April 2017 and valid 0600 UTC on Thursday 13 April 2017.
98. *Wednesday 26 April 2017* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on 26 April 2017 and valid 1200 UTC Thursday 27 April 2017.
99. *Wednesday 12 July 2017* - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 12 July 2017, and valid 0600 UTC on Thursday 13 July 2017.
100. *Wednesday 26 July 2017* - WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at **2000** UTC (one hour later than normal issue time of 1900 UTC) on Wednesday 26 July 2017, and valid 1200 UTC on Thursday 27 July 2017
- WAFC Washington purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified*
101. *Wednesday 11 October 2017* - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 11 October 2017, and valid 0600 UTC on Thursday 12 October 2017.
102. *Wednesday 25 October 2017* – The planned back up test for 1900UTC on Weds 25th October (valid 1200 UTC Thursday 26 October 2017) was cancelled due to operational problems encountered during previous routine data issue at 1300UTC.
103. *Wednesday 10 January 2018* – WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Wednesday 10 January 2018 and valid 1200 UTC Thursday 11 January 2018.
- 103a *Tuesday 23 January 2018* – WAFC Washington successfully provided real, **unscheduled** back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products for the following:
a) the products issued at 0700 UTC on 23 January 2018 and valid 0000 UTC on Wednesday 24 January
b) the products issued at 1300 UTC on 23 January 2018 and valid 0600 UTC on Wednesday 25 January.
All backup products were issued on time.

104. Wednesday 24 January 2018 – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1400 UTC (one hour later than the normal issue time of 1300 UTC) on Wednesday 24 January 2018, and valid 0600 UTC on Thursday 25 January 2018.
- WAFC London purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified*
105. Wednesday 11 April 2018 – WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Wednesday 11 April 2018 and valid 1200 UTC Thursday 12 April 2018.
106. Wednesday 25 April 2018 – WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 24 April 2018, and valid 0600 UTC on Thursday 25 April 2018.
107. Wednesday 11 July 2018 – WAFC Washington successfully provided back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products, issued at 2000 UTC on Wednesday 11th July 2018 and valid 1200 UTC on Thursday 12 July.
- WAFC Washington purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified*
108. Wednesday 25 July 2018 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 25 July 2018, and valid 0600 UTC on Thursday 26 July 2018.
109. Wednesday 10 October 2018 – WAFC Washington successfully provided back up for WAFC Washington by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 25 October and valid 1200 UTC on Thursday 11 October.
110. Wednesday 24 October 2018 - WAFC London provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products valid for 0600 UTC on Thursday 25 October 2018. All PNG format charts were produced by 1300 UTC on Wednesday 24 October 2018, however there was a fault in the production of the WAFC Washington BUFR files – which were issued 55 minutes later than usual.
- 110a. Thursday 6 December 2018. WAFC London successfully provided two **additional** backups WAFC Washington by producing all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 on Thursday 6 December 2018 (planned) and 0100 on Friday 7 December 2018 (unplanned).
111. Wednesday 16 January 2019 – WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 16 January and valid 1200 UTC on Thursday 17 January 2019.

112. Wednesday 30 January 2019 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1400 UTC on Wednesday 30 January 2019, and valid 0600 UTC on Thursday 31 January 2019.

WAFC London purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

113. Wednesday 10 April 2019 – WAFC Washington successfully provided back up for WAFC Washington by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 10 April and valid 1200 UTC on Thursday 11 April 2019.

114. *Wednesday 24 April 2019* - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 24 April 2019, and valid 0600 UTC on Thursday 25 April 2019.

- 114.a Sunday 23 June 2019 - WAFC Washington successfully provided real, unscheduled back-up for WAFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products for the products issued at 1300 UTC on 23 June 2019 and valid 0600 UTC on Monday 24 June 2019

115. Wednesday 10 July 2019 – WAFC Washington successfully provided back up for WAFC Washington by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 2000 UTC on Weds 10 July and valid 1200 UTC on Thursday 11 July 2019.

WAFC Washington purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

116. Wednesday 24 July 2019 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 24 July 2019, and valid 0600 UTC on Thursday 25 July 2019.

117. Wednesday 9 October 2019 – WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 9 October and valid 1200 UTC on Thursday 10 October 2019.

118. Wednesday 23 October 2019 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 23 October 2019, and valid 0600 UTC on Thursday 24 October 2019.

119. Wednesday 15 January 2020 – WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 15 January and valid 1200 UTC on Thursday 16 October 2019.

120. Wednesday 29 January 2020 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1400 UTC on Wednesday 29 January 2020, and valid 0600 UTC on Thursday 30 January 2020.

W AFC London purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

- 121. Wednesday 8 April 2020 - W AFC Washington successfully provided back up for W AFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 8 April and valid 1200 UTC on Thursday 9 April 2020
- 122. Thursday 23 April 2020 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Thursday 23 April, and valid 0600 UTC on Friday 24 April 2020.
- 123. Wednesday 8 July 2020 - W AFC Washington successfully provided back up for W AFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 8 July and valid 1200 UTC on Thursday 9 July 2020.

W AFC Washington purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

- 124. Thursday 23 July 2020 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Thursday 23 July, and valid 0600 UTC on Friday 24 July 2020.
- 124a. Tuesday 11 August - W AFC Washington successfully provided real, unscheduled back-up for W AFC London by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products for the products issued at 1300 UTC on 11 August, and valid 0600 UTC on Wednesday 12 August 2020.
- 125. Wednesday 7 October 2020 - W AFC Washington successfully provided back up for W AFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 7 October and valid 1200 UTC on Thursday 8 October 2020.
- 126. Wednesday 21 October 2020 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 21 October, and valid 0600 UTC on Thursday 22 October 2020
- 127. Wednesday 13 January 2021 - W AFC Washington successfully provided back up for W AFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 13 January and valid 1200 UTC on Thursday 14 January 2021
- 128. Wednesday 27 January 2021 - W AFC London successfully provided back-up for W AFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 27 January, and valid 0600 UTC on Thursday 28 January 2021

W AFC London purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.

129. Wednesday 7 April - WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 7 April and valid 1200 UTC on Thursday 8 April 2021
130. Wednesday 21 April 2021 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 21 April, and valid 0600 UTC on Thursday 22 April 2021
131. Wednesday 7 July 2021- WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 7 July and valid 1200 UTC on Thursday 8 July 2021

WAFC Washington purposefully delayed the issuance of data, by one hour for this backup event, as per WG-MOG/3 Decision 3/1. No adverse impacts were identified.
132. Wednesday 21 July 2021 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 21 July, and valid 0600 UTC on Thursday 22 July 2021
133. Wednesday 6 October 2021 - WAFC Washington successfully provided back up for WAFC London by producing and transmitting all of the SWH and SWM PNG and BUFR significant weather products issued at 1900 UTC on Weds 6 October and valid 1200 UTC on Thursday 7 October 2021
134. Wednesday 20 October 2021 - WAFC London successfully provided back-up for WAFC Washington by producing and transmitting all the SWH and SWM PNG and BUFR significant weather products issued at 1300 UTC on Wednesday 20 October, and valid 0600 UTC on Thursday 21 October 2021

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