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| 天气 气候 水 | **世界气象组织**  **执行理事会**  **第七十六次届会** 2023年2月27至3月3日，日内瓦 | **EC-76/文件3.2(10)** |
| 提交者：  INFCOM主席  2022.11.30  **DRAFT 1** |

**议题3： 实施大会决定：技术事项**

**议题3.2: 长期目标2：地球系统观测和预测**

# 终止WMO全球数据处理和预报系统（GDPFS）及数值天气预报（NWP） 研究年度技术进展报告

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| **摘要**  **文件提交者：**INFCOM主席  **2020-2023年战略目标**：2.3  **所涉财务和行政问题**：在《2020-2023年战略与运行计划》的参数范围内  **主要实施者**：INFCOM  **时间框架**：2023年  **预期行动**：审查拟议的决议草案 |

# 决议草案

## 决议草案 3.2(10)/1 (EC-76)

### 终止WMO全球数据处理和预报系统（GDPFS）及数值天气预报（NWP） 研究年度技术进展报告

执行理事会，

**忆及**

(1) 世界气象大会在其第十七次届会（Cg-17）上要求基本系统委员会（CBS）审议WMO GDPFS和NWP研究技术进展报告（报告）的内容和报告方法，以促进会员为报告供稿，

(2) [建议17 (INFCOM-1)](https://library.wmo.int/doc_num.php?explnum_id=10939#page=296) - 修订《全球数据处理和预报系统手册》（WMO-No. 485），反映了WMO新的治理结构，要求SC-ESMP与研究理事会及其相关附属机构合作，审议报告的内容和报告方法，

**同意**[建议6.4(2)/1 (INFCOM-2](https://meetings.wmo.int/INFCOM-2/_layouts/15/WopiFrame.aspx?sourcedoc=/INFCOM-2/Chinese/2.%20PR%20-%20%E4%B8%B4%E6%97%B6%E6%8A%A5%E5%91%8A%EF%BC%88%E6%89%B9%E5%87%86%E7%9A%84%E6%96%87%E4%BB%B6%EF%BC%89/INFCOM-2-d06-4(2)-AMENDMENTS-TO-GDPFS-MANUAL-WMO-NO-485-approved_zh.docx&action=default))以及对《[全球数据处理和预报系统](https://library.wmo.int/index.php?lvl=notice_display&id=12793#.YzrQrHZBw2w)手册》（WMO-No. 485）的相关修订，见本决议的[附件](#_Annex_to_draft)，

**提请**主办指定的GDPFS中心的会员检查[GDPFS门户网站](https://community.wmo.int/gdpfs-web-portal)是否缺失贵中心的任何产品链接，并采取必要行动，提高GDPFS产品的可获取性，

**授权**秘书长与INFCOM主席协商对《[全球数据处理和预报系统](https://library.wmo.int/index.php?lvl=notice_display&id=12793)手册》（WMO-No. 485）进行编辑性修订。

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[附件：1](#_Annex_to_draft_7)份 （仅以英文提供）

## Annex to draft Resolution 3.2(10)/1 (EC-76)

### Termination of Annual WMO Technical Progress Report on the Global Data-Processing and Forecasting System (GDPFS) and Numerical Weather Prediction (NWP) Research

*[Proposed amendments are highlighted in addition or ~~deletion~~ to the Manual in the Global Data-processing and Forecasting System (WMO-No. 485) and the numbering of the text below refers to the Manual.]*

Chapter title in running head: PART II. SPECIFICATIONS OF GLOBAL DATA-…

APPENDIX 2.2.34. Standardized verification of deterministic numerical weather prediction products

5.9 Monthly and annual averaged scores

Where average scores are required over a defined period, the averaging shall be made using the following procedures:

– Linear scores (mean error, mean absolute error) – mean;

– Non‑linear scores shall be transformed to appropriate linear measure for averaging;

– Mean of mean square error (MSE);

– Z‑transform for correlation.

For a defined period, the average shall be computed over all forecasts verified during the period. Averages shall be computed separately for forecasts initiated at 0000 and 1200 UTC and both sets of average values provided.

Annual averages of the daily scores ~~are included in the yearly Technical Progress Report on the Global Data‑processing and Forecasting System (~~[~~https://community.wmo.int/activity‑areas/global‑data‑processing‑and‑forecasting‑system‑gdpfs~~](https://community.wmo.int/activity-areas/global-data-processing-and-forecasting-system-gdpfs) ~~– GDPFS and NWP Annual Progress Reports). These statistics~~ are for the 24‑, 72‑ and 120‑hour forecasts and include the RMS vector wind error at 850 (tropics area only) and 250 hPa (all areas), as well as the RMS error of geopotential heights at 500 hPa (all the areas except for tropics). ~~A table of the number of observations per month should also be part of the yearly report.~~

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