

WORKLOAD INFORMATION

3. WORKLOAD ESTIMATES

Workloads	Qty	Freq	Remarks
Hourly, Record Special, and Local Observations	6228	Annually	Tracked of AF Form 3803 and compiled in the summary of the 81OSF product statistics.
Basic Weather Watch	4000	Annually	AFMAN 15-111 para. 1.7.5.2 describes procedures. Basic Weather Watch (BWW): observing sky condition minimum of 2 times per hour only when certain weather is occurring or forecast to occur Based on climatology for Keesler (percentage of time with low ceilings, fog, precipitation) estimated conditions warranting a BWW would occur about 33 percent of the time. (10% for ceiling less than 1500 feet and/or visibility less than 3 miles; 7% for precipitation; 10% for fog (estimate); 6% time when conditions forecast but don't occur) Doing the math: 2 per hour times 17 hrs a day times 355 days = 12,070. Times 33% = about 4000 occurrences
Communicate Significant Weather to Operational Weather Squadron	336	Annually	Described in MOA 15-34 Para 4.2.27. Tracked on the OSF-OWS Interaction Log. Over the past 4 months a total of 112 actions were logged, this reflects an ave of 28 per month or a tech est of 336 per year.
Standby Weather Personnel on duty in weather station due either to adverse weather (i.e. thunderstorms, hurricanes, high winds, etc.) or to brief and/or take observations related to departures/arrivals after normal airfield hours	120	Annually	Standby Weather Personnel on Duty: Estimate based on: -Missions that occur after normal airfield hours (based on data 01Jun02 through 31Oct02 and 01Jan03 through 28Feb03, the functionals documented 37 days of standby for an average of 4.6 per month) This drove a 4.6 x 12= tech est of 56 occurrences a year. Majority related to 53rd Weather Recon Squadron hurricane and winter storm taskings. -Adverse weather that occurs after "normal duty hours" which would require weather personnel to be on duty: Based on climatology (actual occurrences one would expect during the year (32) and number of false alarms (i.e. adverse weather expected, watch issued, weather personnel on duty, no adverse weather actually happens (32) lead to a total of 64 occurrences. This leads to a technical estimate of 120 standby occurrences
Issue Observed Advisories & Warnings	132	Annually	Described in AFMAN 15-129, Chapter 3 and Tracked of AF Form 3803 and compiled in the summary of the 81OSF product statistics

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Issue Forecast Weather Warnings and Advisories When Not Issued by the OWS	8	Annually	Described in MOA 15-34 Para 4.2.22. Statistical report indicates 2 forecast were not issued by OWS in 4 th quarter 2002. which in turn led to a technical estimate of 8 annually.
Answer PMSV Calls	498	Annually	Tracked of AF Form 3803 and compiled in the summary of the 81OSF product statistics
Receive and Transmit PIREPS	24	Annually	Tracked of AF Form 3803 and compiled in the summary of the 81OSF product statistics
Support for Keesler Stationed or Transient Aircraft	2478	Annually	DD Form 175-1; KAFB Local Aircrew and Transient Aircrew; Verbal Briefing Log and compiled in the summary of 81OSF statistics
Assume Responsibility for TAF, Resource Protection, and Briefings	2	Annually	Times could vary greatly depending on reason for OWS downtime (building evacuation, work area destruction, comm outage, etc.). MOA 15-34 Para 9.0 describes
Wing Commander Staff Meetings	52	Annually	Weekly 81 TRW/CC Staff briefings is mandated by KAFBI 15-101 Para 2.6.2
Contingency, Exercise, Natural Disaster and other Crisis Action Team (CAT) Briefings	84	Annually	Briefings use PowerPoint slides and increase to 1 to 2 per day during contingencies or exercises and as many as 4 per day during natural disasters such as hurricanes. Expect surges during hurricane contingencies, and in preparation for major inspections with at least one exercise per month for 6 months prior to the inspection. Technical estimate based upon the following: CAT meets at least once per week : 52 81TRW/XP plans on 12 exercises: 12 We ave at least 20 Hurrican briefs : <u>20</u> Total est 84
Document Customer Weather Requirements in Weather Support Document (KAFBI 15-101)	1	Annually	Brunt of the activity takes place within 4 months of required yearly review and possible rewrite of the document or instruction
Conduct Quality Assurance of Disseminated Products to Ensure Compliance with Metrics and Service Delivery Summary Workloads	52	Annually	A forecaster will review selected products for quality and accuracy; A review of last four monthsof AF Form 3811 showed 55 entries (55/4=13.75 per month x 12 = a tech est of 165 entries per year. Driven by quality of products.
Conduct Aneroid Barometer calibration.	69	Annually	The Barometer is checked each Monday. If it is out of tolerances the frequency is increased depending on the degree of variation from the norm. These adjustments are tracked on AF FORM 3801. From Mar 02 to Mar 03 69 entries were made.
Train and Certify Air Traffic Controllers to Take Observations	12	Annually	This is specified in KAFBI 15-101 para 1.12. Each new contoller must under go this training. In 2002, 12 new controllers arrived at Keesler AFB.
SOF Weather Refresher Briefs	4	Annually	Includes preparation and presentation; accomplished once each quarter.

KEESLER BASE OPERATING SUPPORT
WEATHER SUPPORT SERVICES

Workloads	Qty	Freq	Remarks
Student Pilot Weather Orientation Briefs (IRC)	15	Annually	The Weather Station Duty schedule reflects that 15 IRC courses were held between Mar 02 and mar 03
LAN Weather Updates	710	Annually	Prepare and then update once per day. 365 days – 10 fed holidays = 355 x 2=710
Website Link and Data Updates	12	Annually	Update weather website monthly