C. Publications and Citations

The journal publications and citations for GSD authors on staff between 2010 and 2015 are summarized in the table below. The totals in each column represent the lifetime counts for each GSD author. The values were gathered using the Web of Science and Google Scholar Harzing, A.W. Publish or Perish (2007; available from ***http://www.harzing.com/pop.htm***) search functions. Web of Science reports citations from refereed journal articles, scholarly book chapters, and published conference proceedings while Google Scholar also captures citations from technical reports, technical memoranda, science and technology magazine articles, conference papers, book chapters, and other science-related documents. The range provided by both sources should give an optimal sense of a researcher's impact in his/her field. GSD has 68 researchers who have published articles with 16 researchers having an H-Index of 10 or higher.

GSD PUBLICATIONS AND CITATIONS					
	Web of Science			Google Scholar	
Researcher	Total Publications	Citations	H-Index	Articles Cited	Citations
Benjamin, Stan	76	2473	25	45	3468
Bleck, Rainer	73	3610	29	140	6305
Brown, John	35	1247	15	16	1680
Cucurull, Lidia	36	1552	13	66	2636
Dowell, David	44	1049	20	88	1820
Fiorino, Michael	39	10672	23	112	15867
Grell, Georg	81	4414	27	150	11619
Jiang, Hongli	32	2042	21	14	2246
Moninger, William	42	262	10	97	736
Pagowski, Mariusz	21	53	14	33	889
Peckham, Steven	38	1447	16	50	2330
Schlatter, Thomas	45	725	13	128	1628
Smirnova, Tatiana	15	1076	10	69	1550
Sun, Shan	26	1416	13	5	1017
Toth, Zoltan	91	3462	29	152	5479
Weatherhead, Betsy	30	1114	15	74	1946
TOTALS	733	36,733		1,239	61,216

List of GSD Peer-Reviewed Publications 2010-2015

http://www.esrl.noaa.gov/gsd/publications/

1 = Federal Staff, 2 = CIRA, 3 = CIRES, 4 = Contractor, 5 = Other. GSD staff authors in **bold**.

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Technical Assessments and Reports

At the request of NWS and FAA, GSD conducts technical assessments of new aviation weather forecasting products as part of the transition to operations process. The assessments evaluate the functionality and capability of the new products: does the product or technology do what it was designed to do? GSD has also designed verification technologies as a result of these assessments. The assessment findings are reviewed by experts in the field for their input prior to final release of the report and the findings. The findings are presented either in a technical report or conference poster as listed below.

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